

EOG Resources, Inc. 1060 E Hwy 40 Vernal, Utah 84078

**CERTIFIED MAIL** 

ARTICLE NO: 7006 2150 0003 5770 5123

January 10, 2007

Encana Oil & Gas (USA) Inc. 950 17th Street, Suite 2600 Denver, Colorado 80202 Attn: Ms. Diana Weber

RE: COMMINGLING APPLICATION

**HOSS 62-36** 

2059' FSL - 1843' FWL (NESW)

SECTION 36 T8S, R22E UINTAH COUNTY, UTAH LEASE: UTU 56960

Ms. Weber:

EOG Resources, Inc. has filed an application with the State of Utah Department of Oil Gas and Mining requesting commingling approval in the Wasatch, Mesaverde and Mancos formations for the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased hole logs. Production from the Wasatch, Mesaverde and Mancos formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

Sincerely,

Kaylene R. Gardner Sr. Regulatory Assistant

Form 3160-3 FORM APPROVED (February 2005) OMB No. 1004-0137 Expires March 31, 2007 UNITED STATES Lease Serial No. DEPARTMENT OF THE INTERIOR UTU 56960 BUREAU OF LAND MANAGEMENT 6. If Indian, Allotee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7 If Unit or CA Agreement, Name and No. **✓** DRILL la. Type of work: REENTER 8. Lease Name and Well No. lb. Type of Well: Oil Well ✓ Gas Well Single Zone ✓ Multiple Zone Hoss 62-36 Name of Operator 9. API Well No. EOG RESOURCES, INC 3a. Address 1060 East Highway 40 3b. Phone No. (include area code) 10. Field and Iool, or Exploratory Vernal, UT 84078 435-781-9111 Natural Buttes/Mesaverde 4. Location of Well (Report location clearly and in accordance with any State requirements.\*) 11. Sec., T. R. M. or Blk. and Survey or Area At surface 63723 2/2059 FSL 1843 FWL NESW 40.077747 LAT 109.391233 LON **SECTION 36, T8S, R22E S.L.B.&M** At proposed prod. zone SAME 443747 14. Distance in miles and direction from nearest town or post office\* 12. County or Parish 13. State 35.4 Miles South of Vernal, UT Uintah Distance from proposed\* 17. Spacing Unit dedicated to this well No. of acres in lease 523 Lease Line location to neares property or lease line, ft.
(Also to nearest drig, unit line, if any)

523 Drilling Line 640 18. Distance from proposed location\* to nearest well, drilling, completed, 19. Proposed Depth 20. BLM/BIA Bond No. on file 14,300 applied for, on this lease, ft. NM 2308 Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start\* 23. Estimated duration 4822 GL 45 DAYS 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: 1. Well plat certified by a registered surveyor. Bond to cover the operations unless covered by an existing bond on file (see A Drilling Plan. Item 20 above). 3. A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification

- SUPO must be filed with the appropriate Forest Service Office).
- Such other site specific information and/or plans as may be required by the

25. Signature Brown	Name (Printed Typed)  Kaylene R. Gardner	Date 01/09/2007
Sr. Regulatory Assistant		
Approved by (Signature)	Name (Printed Typed) BRADLEY G. HILL	Date 01-29-07
Title	OfficENVIRONMENTAL MANAGER	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached

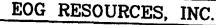
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

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DIV. OF OIL, GAS & MINING

# T8S, R22E, S.L.B.&M.



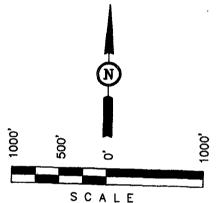
Well location, HOSS #62-36, located as shown in the NE 1/4 SW 1/4 of Section 36, T8S, R22E, S.L.B.&M. Uintah County, Utah

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

# BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



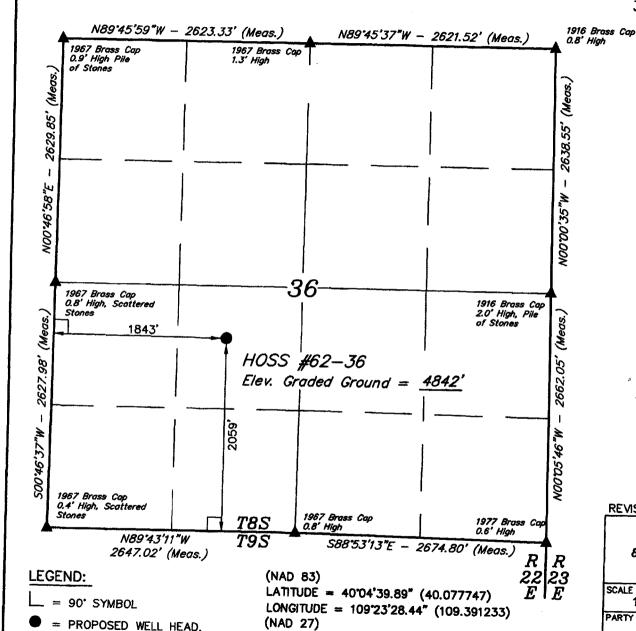
CERTIFICATE THIS IS TO CERTIFY THAT THE ABOX FIELD NOTES OF ACTUAL SURVEYS BY ME OR SUPERVISION AND THAT THE SAME OF TRUE MANDS BEST OF MY KNOWLEDGE AND BE

REVISED: 08-01-06 S.L.

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

1" = 1000'		DATE SURVEYED: 03-31-06	DATE DRAWN: 04-04-06
PARTY B.H. M.C.	C.H.	REFERENCES G.L.O. PLA	
WEATHER COLD		FILE EOG RESOURCE	



= SECTION CORNERS LOCATED.

LATITUDE =  $40^{\circ}04'40.02''$  (40.077783)

LONGITUDE = 109'23'25.98" (109.390550)

) ss

# COUNTY OF UINTAH )

# **VERIFICATION**

Kaylene R. Gardner, of lawful age, being first duly sworn upon oath, deposes and says:

She is the Sr. Regulatory Assistant of EOG Resources, Inc., of Vernal, Utah. EOG Resources, Inc. is the operator of the following described well:

# HOSS 62-36 2059' FSL – 1843' FWL (SESW) SECTION 36, T8S, R22E UINTAH COUNTY, UTAH

EOG Resources, Inc., Encana Oil & Gas (USA) Inc., Exhibit A are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 9<sup>th</sup> day of January 2007 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope which contained these instruments was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and Encana Oil & Gas (USA) Inc.

Further affiant saith not.

Kaylene R. Gardner

Sr. Regulatory Assistant

Subscribed and sworn before me this 9<sup>th</sup> day of January 2007.

Notary Public
CHERYLE A. SNOW
3123 West 1790 South
Vernal, Utah 84078
My Commission Expires
August 1, 2009
State of Utah

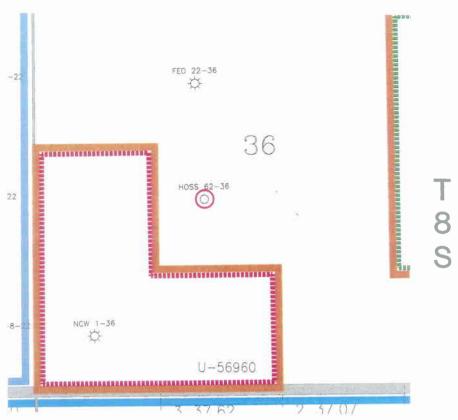
My Commission Expires:

Cheryl A. Snow Notary Public

# Exhibit "A" to Affidavit Hoss 62-36 Application to Commingle

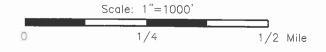
Encana Oil & Gas (USA) Inc. 950 17th Street, Suite 2600 Denver, Colorado 80202 Attn: Ms. Diana Weber













Denver Division

# EXHIBIT "A"

HOSS 62-36 Commingling Application Uintah County, Utah

Scale;, 1"=1000'	Drutah/Commingled/ page_Hoss62-36_commingled.dwg Layout1
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Author | Sep 07, 2006 -GT | 10:28am



# HOSS 62-36 NE/SW, SEC 36, T8S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

# 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)	<b>OBJECTIVE</b>
Green River	2116'	
Wasatch	5108"	GAS - Primary
Chapita Wells	5748"	GAS - Primary
Buck Canyon	6417'	GAS - Primary
North Horn	6991'	GAS - Primary
KMV Price River	7657'	GAS - Primary
KMV Price River Middle	8482'	GAS - Primary
KMV Price River Lower	9256'	GAS - Secondary
Sego	9702'	·
KMV Castlegate	9798'	
KMV Blackhawk	10124'	GAS - Primary
Mancos	10927'	·
Mancos Lower	13011'	GAS – Primary
Ferron	14072	GAS – Secondary
Niobrara	14269'	•

Estimated TD: 14300' Anticipated BHP: 10410 psi

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch, Mesaverde and Mancos formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased hole logs. Production from the Wasatch, Mesaverde and Mancos formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

#### 3. PRESSURE CONTROL EQUIPMENT:

Intermediate: 11", 5000 psi Production: 11", 10000 psi

BOP Schematics & diagrams attached.

#### 4. CASING PROGRAM:

	HOLE		CSG				RATIN	G FACTOR	<u> </u>
	SIZE	<u>INTERVAL</u>	<u>SIZE</u>	<b>WEIGHT</b>	<b>GRADE</b>	THREAD	COLLAPSE	/ BURST /	TENSILE
Conductor	24"	0 - 40' (GL)	16"	Thinwall ste	el				
Surface	13 ½"	$40' - 2500' \pm$	10 3/4"	45.5#	N-80	STC	2470 psi	5210 psi	701,000#
Intermediate	9 7/8"	2500' - 10225'±	7 5/8"	29.7#	P-110	LTC	5350 psi	9470 psi	769,000#
Production:	6 ½"	$10225^{\prime} \pm - TD$	4 ½"	15.1#	P-110	LTC	14350 psi	14420 psi	406,000#





# HOSS 62-36 NE/SW, SEC 36, T8S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

**Note:** 13 ½" Surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/ 10 ¾' as shown to that depth. Drilled depth may be shallower or deeper than the 2500' shown above depending on the actual depth of the loss zone.

#### All casing will be new or inspected.

#### 5. Float Equipment:

# Surface Hole Procedure (0'- 2500'±):

Guide Shoe, insert Float Collar (PDC drillable)

Centralizers: 1-5' above the shoe, top of joints #2 & #3, then every 5<sup>th</sup> joint to surface. (±15 total).

## Intermediate Hole Procedure (±2500' - 10225'±):

Float shoe, 2 joints casing, float collar and balance of casing to surface.

Centralizers: 1-5' above shoe on joint #1, top of jts. #2 and #3 and then every  $2^{nd}$  joint to 400' above top productive interval. (70± total) Thread lock float shoe, connection of jts #1 & #2, top & bottom of float collar, and top of  $3^{rd}$  joint.

# Production Hole Procedure (±10225' - TD):

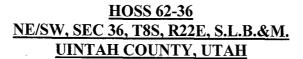
Float shoe, 1 joint casing, float collar, stage collar (DV tool) at 9900' and balance of casing to surface.  $4-\frac{1}{2}$ ", 15.1#, P-110 or equivalent marker collars or short casing joints to be placed 200' above potentially productive intervals. Centralizers: 1-5' above shoe on joint #1, top of joint #2, and every  $2^{nd}$  joint to 200' inside Intermediate casing, 1 above & below DV tool, every  $4^{th}$  joint to 400' above top productive interval "Wasatch" ( $80\pm$  total). Thread lock float shoe, top & bottom of float collar, and top of  $2^{nd}$  joint.

# 6. MUD PROGRAM

#### Surface Hole Procedure (0' - 2500'±):

Air/air mist or aerated water.

Intermediate Hole Procedure (±2500' - 10225'±): Anticipated mud weight 9.0 - 12.0 ppg. A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime, gypsum and DESCO CF (thinner).



# Production Hole Procedure (±10225' - TD): Anticipated mud weight 12.5 – 14.5 ppg.

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <10cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime, gypsum and DESCO CF (thinner).

## 7. VARIANCE REQUESTS:

#### Onshore Oil and Gas Order No. 2 - Item E: Special Drilling Operations Reference:

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

## 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

**Open Hole Logs:** 

Open Hole Logs will be run consisting of the following:

Schlumberger Platform Express (Open Hole Gamma Ray, Resistively, and

Neutron Porosity) with Oriented Sonic Scanner.

Rotary sidewall cores as needed based upon results of open hole logs.

#### 9. CEMENT PROGRAM:

# Surface Hole Procedure (0' - 2500'±):

Lead:

Class "G" with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3, 0.25 pps

Flocele mixed at 11.0 ppg, 3.82 ft<sup>3</sup>/sk, 23.0 gps water.

Tail:

Class "G" cement with 2% CaCl<sub>2</sub>, 0.25 pps Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk, 5.2 gps

water.

Top Out: As necessary, Class "G" cement with 2% CaCl<sub>2</sub> & 0.25 pps Celloflakes, mixed at 15.6 ppg,

 $1.18 \text{ ft}^3/\text{sx}$ , 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to 500'

above the casing shoe.



# <u>HOSS 62-36</u> <u>NE/SW, SEC 36, T8S, R22E, S.L.B.&M.</u> <u>UINTAH COUNTY, UTAH</u>

# Intermediate Hole Procedure (±2500' - 10225'±):

Lead: 250 sks: 35:65 Poz:Class "G" with 6% D20 (Bentonite), 2% D174 (Extender), 0.75% D112

(Fluid Loss), 0.2% D46 (Antifoam), 0.3% D198 (Fluid Loss Additive), 0.2% D65 (Dispersant), 0.25 pps D130 (Lost Circ. Material) mixed at 12.0 ppg, 2.25 ft<sup>3</sup>/sk,

12.8 gps water.

Tail: 930 sks: 50:50 Poz:Class "G" with 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.2% D167

(Fluid Loss), 0.2% D65 (Dispersant), 0.2% D198 (Retarder) mixed at 14.1 ppg, 1.28

ft<sup>3</sup>/sk, 5.9 gps water.

**Note:** The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement 400' above 10 3/4" casing shoe. Tail volume to be calculated to bring cement to 400' above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 50% excess or caliper

plus 10% excess if open hole logs are run.

<u>Production Hole Procedure (±10225' - TD)</u>) – 2 stage CMT job, Stage Collar (DV tool) at 9900' 1<sup>st</sup> STAGE:

Tail: 475 sks: Class "G" with 0.2% D167 (Fluid Loss Additive), 1.6 gps D600G (GasBlok), 0.2%

D46 (Antifoam), 0.05 gps D80 (Dispersant), 0.3% D198 (Retarder) mixed at 15.8

ppg,  $1.16 \text{ ft}^3/\text{sk}$ , 3.4 gps water.

2<sup>nd</sup> STAGE:

Tail: 600 sks: 50:50 Poz:Class "G" with 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.2% D167

(Fluid Loss), 0.2% D65 (Dispersant), 0.2% D198 (Retarder) mixed at 14.1 ppg, 1.28

ft<sup>3</sup>/sk, 5.9 gps water.

**Note**: The above number of sacks is based on gauge-hole calculation.

1<sup>st</sup> Stage volume calculated to bring cement to 200'± above DV tool.

2<sup>nd</sup> Stage volume calculated to bring cement to 400'± above to of Wasatch.

1<sup>st</sup> Stage Final Cement volumes will be based upon caliper volume plus 5% excess.

2<sup>nd</sup> Stage Final cement volumes will be as calculated w/ no excess (cased hole).

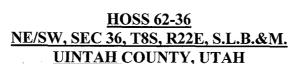
Cement composition may be adjusted as needed for bottom hole temperature indicated on

open hole logs and mud weight at TD.

#### 10. ABNORMAL CONDITIONS:

#### **Surface Hole (0' - 2500'±):**

Lost circulation & water flows.



# <u>Intermediate Hole (±2500' - 10225'±):</u>

Sloughing shales and keyseat development are possible in the Wasatch formation. CO<sub>2</sub> contamination in the mud & lost circulation is possible in the Price River (Mesaverde) formations.

#### **Production Hole (±10225' - TD):**

Gas kicks in Mancos (lower). Lost circulation. Sloughing/Swelling shales.

# 11. STANDARD REQUIRED EQUIPMENT:

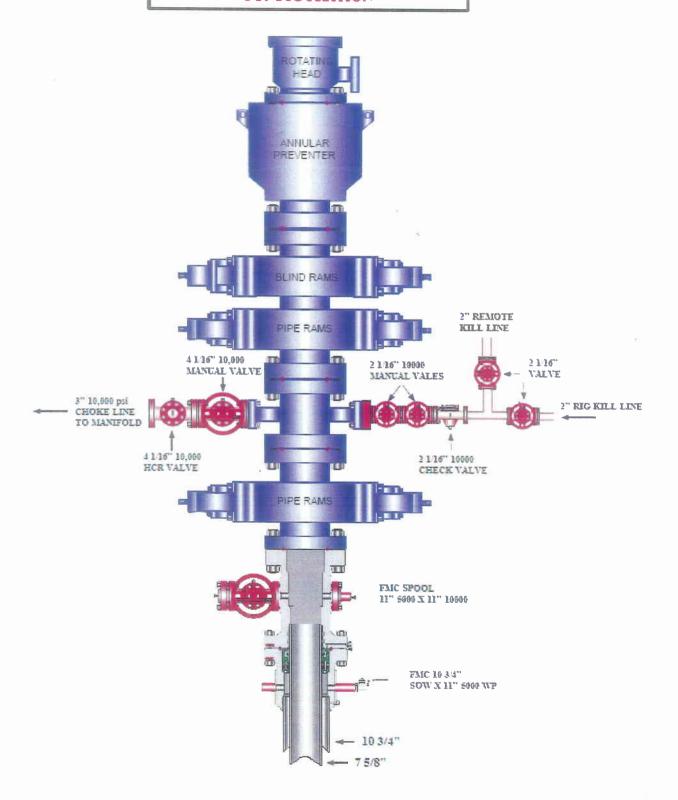
- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Inside BOP or float sub available
- E. Wear busing in casing head
- F. Visual Mud Monitoring

## 12. HAZARDOUS CHEMICALS:

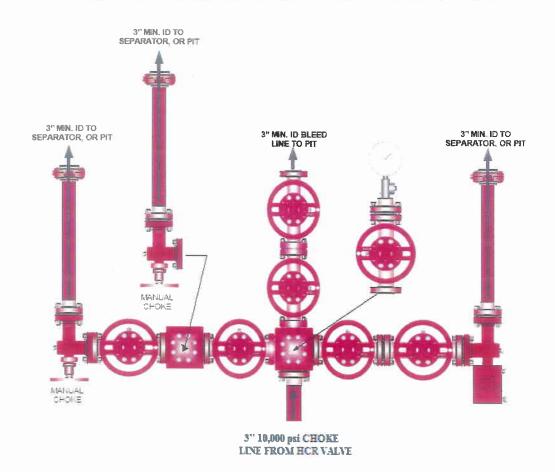
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: 5M & 10M BOP Schematics & Diagrams)

# EOG RESOURCES 11" 10000 PSI W.P. BOP CONFIGURATION



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 10,000 PSI WP VALVES

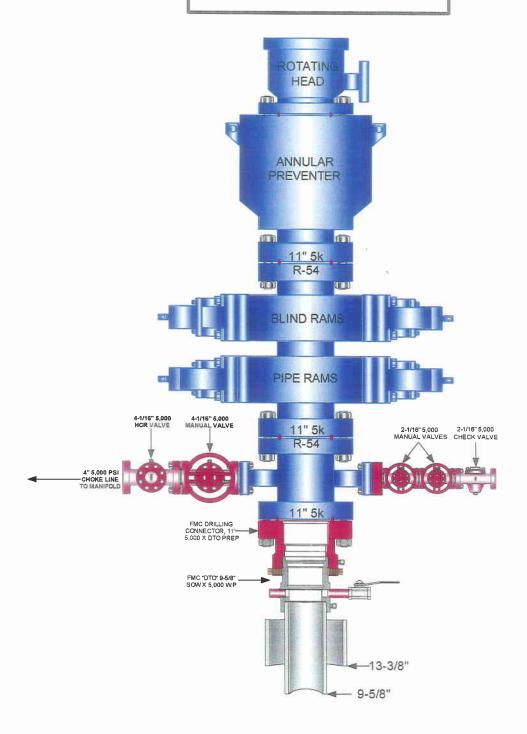


#### Testing Proceedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 10,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure.
- 4. Casing will be tested to 0.22 psi/ft or 1500 psi. Not to exceed 70% of burst strength; whichever is greater.
- 5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

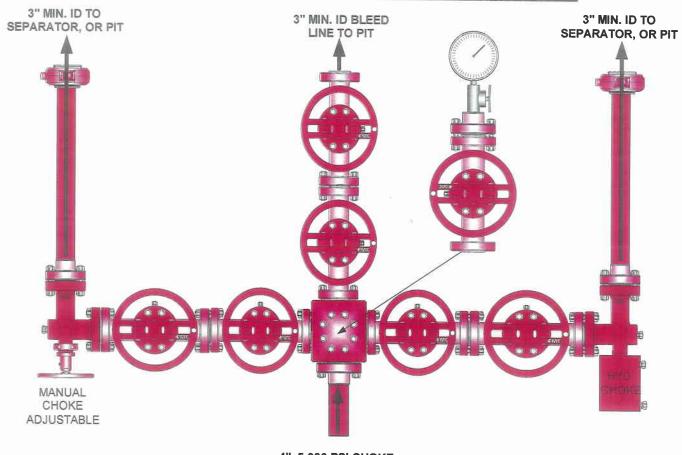
# EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

#### PAGE 1 OF 2



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

**PAGE 2 0F 2** 



#### 4" 5,000 PSI CHOKE LINE FROM HCR VALVE

#### **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

# eog resources

# HOSS 62-36 NESW, Section 36, T8S, R22E Uintah County, Utah

#### SURFACE USE PLAN

# **NOTIFICATION REQUIREMENTS**

Location Construction:

Forty-eight (48) hours prior to construction of location and access

roads.

**Location Completion:** 

Prior to moving on the drilling rig.

Spud Notice:

At least twenty-four (24) hours prior to spudding the well.

Casing String and

Cementing:

Twenty-four (24) hours prior to running casing and cementing

all casing strings.

BOP and related

**Equipment Tests:** 

Twenty-four (24) hours prior to running casing and tests.

First Production Notice: Within five (5) business days after new well begins or production

resumes after well has been off production for more than ninety (90)

days.

The well pad is approximately 350 feet long with a 245-foot width, containing 1.97 acres more or less. The well access road is approximately 1056 feet long with a 30-foot right-of-way, disturbing approximately 0.73 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.70 acres. The pipeline is approximately 907 feet long with a 40-foot right of way within Federal Lease UTU 56960 disturbing approximately 0.83 acres.

# No off lease right-of-way will be required

#### 1. EXISTING ROADS:

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 49.8 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 1056' in length with one (1) high water crossing.
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface; gravel will be used as needed.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. No permanent road right-of-way on Federal acreage is required.

All travel will be confined to existing access road right-of-way.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be constructed/upgraded to meet the standards to the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining,

graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation or debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

# 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400 BBL vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. The length of the new proposed pipeline is 907' x 40'. The proposed pipeline leaves the southern edge of the well pad (Lease UTU 56960) proceeding in a northerly direction for an approximate distance of 907' tieing into an existing pipeline located in the NESW of Section 36, T8S, R22E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok, electric weld with a 35 mil X-Tru coating.
- 3. Proposed pipeline will be a 4" OD steel, Zap-Lok line laid on the surface

4. Protective measures and devices for livestock and wildlife will be taken and /or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All existing facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

# 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/ or Target Trucking Inc.'s water source in the SW/SW. Sec 35, T9S, R22E Uintah County, Utah (State Water Right # 49-1501, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at

one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with a 16 millimeter plastic liner.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the southwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled location topsoil will be stored between corners #2 and #9. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the north.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

## 10. PLANS FOR RECLAMATION OF THE SURFACE:

#### A. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Crested Wheatgrass	6.0
Needle and Threadgrass	6.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

# B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Fourwing saltbush	3.0
Indian ricegrass	2.0
Crested Wheatgrass	2.0
Needle and Threadgrass	2.0
Scarlet globe mallow	1.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage

on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" and "Right-of-Way grant", if applicable, will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and submitted October, 2006 by Montgomery Archaeological Consultants. A Paleontology survey was conducted and will be submitted October, 2006 by Dr. Wade Miller.

#### **Additional Surface Stipulations:**

Prior to any construction between March 1 and July 15, all areas within 0.5 mile of prairie dog colonies will be surveyed for ferruginous hawks. If active nests are identified, no surface disturbance will not occur until the nest has been inactive for a two-year period. If no nests are found within 0.5 mile of the proposed location, construction and drilling can occur.

# LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### **PERMITTING AGENT**

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, Ut 84078 (435) 781-9111

#### **DRILLING OPERATIONS**

Donald Presenkowski EOG Resources, Inc. P.O. Box 250 Big Piney, WY 83113 307-276-4865

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Hoss 62-36 well, located in the NE/SW, of Section 36, T8S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

January 9, 2007 Date

Aylene R. Gardner, Sr. Regulatory Assistant

# Request for Exception to Buried Pipeline Requirement HOSS 62-36 NE/SW, Sec. 36, T8S, R22E UTU-56960

EOG Resources, Inc. requests a variance to the requirement for a buried gas sales pipeline for the referenced well for the following reasons:

- 1. In order to bury pipe on the gas sales line route, additional surface disturbance relative to surface pipeline would be approximately <u>50'X Length</u> acres.
- 2. Ripping, cutting, or blasting of rock would be required, which in turn would leave long-term spoils on the right-of-way.
- 3. The disturbed soils on the pipeline corridor would be difficult to rehabilitate and would be susceptible to noxious weed infestation, which in turn would be hazardous to livestock.
- 4. Supplemental soil to replace removed rock would need to be hauled in from other locations to provide bedding and cover material.
- 5. The buried pipe would need to be coated and/or wrapped to minimize the potential for corrosion-caused gas leaks and blowouts.
- 6. Burying of pipe next to access roads increases the potential for damage, explosion, and fire when using graders and/or dozers for snow removal or road rehabilitation.
- 7. Surface equipment, including risers with blow down valves and pipeline markers will be required, adding to negative visual impact.
- 8. Disturbance of previously rehabilitated pipeline corridor could be necessary if increasing well density requires crossing of the corridor or location construction on the corridor.
- 9. Pipeline corridors subject to poor rehabilitation characteristics are susceptible to high rates of soil erosion.
- 10. Buried shallow pipelines in low areas subject to the occasional presence of standing water are susceptible to movement and surfacing.

# EOG RESOURCES, INC.

HOSS #62-36

LOCATED IN UINTAH COUNTY, UTAH SECTION 36, T8S, R22E, S.L.B.&M.

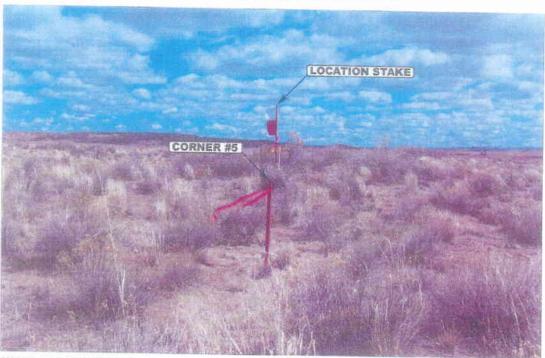


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

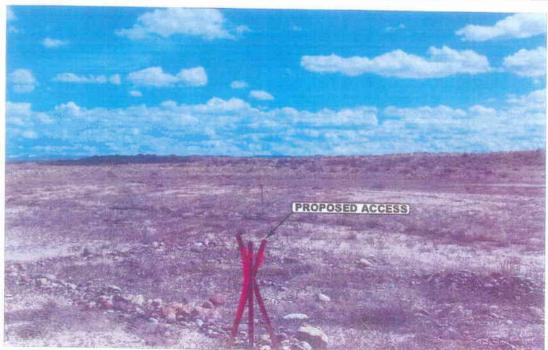


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCUSE

CAMERA ANGLE: SOUTHERLY



Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

04 05 06

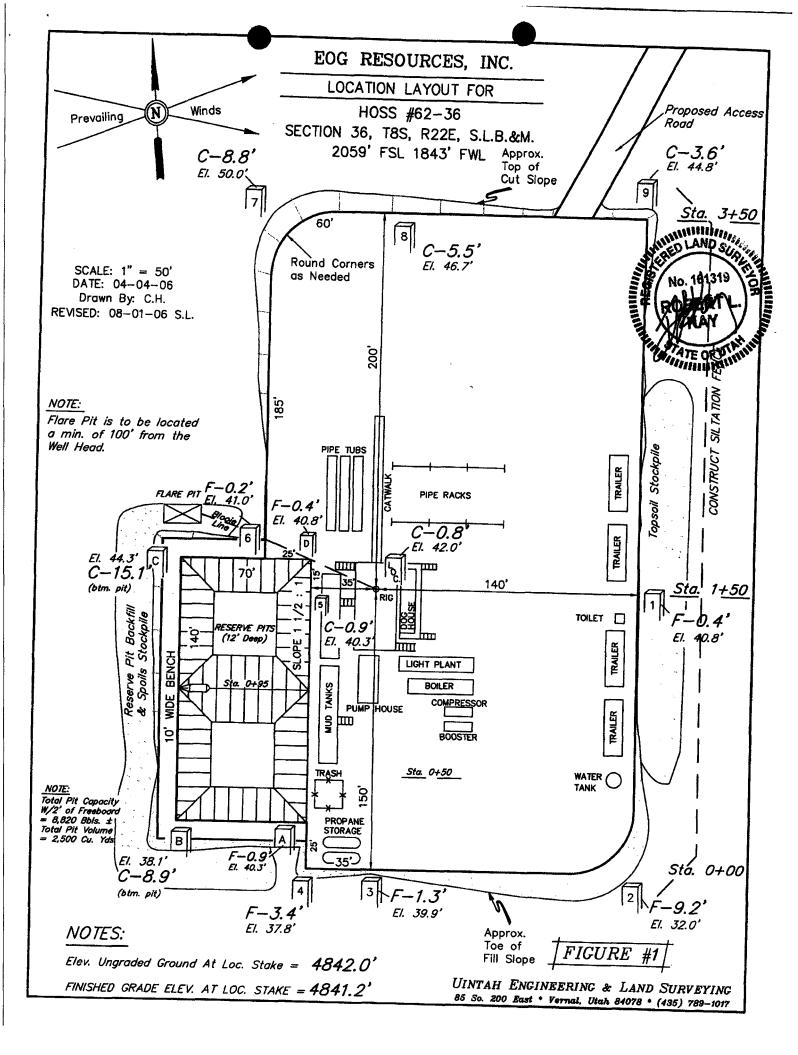
TAKEN BY: B.H. | DRAWN BY: B.C. | REV: 08-01-06 S.L.

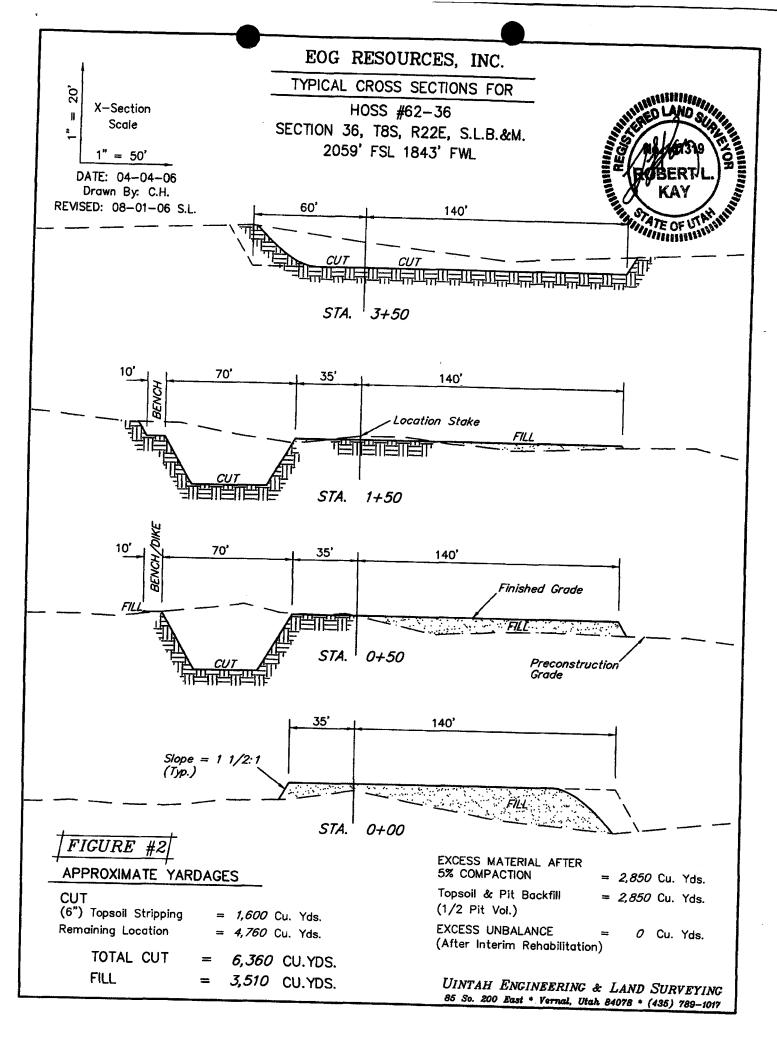
РНОТО

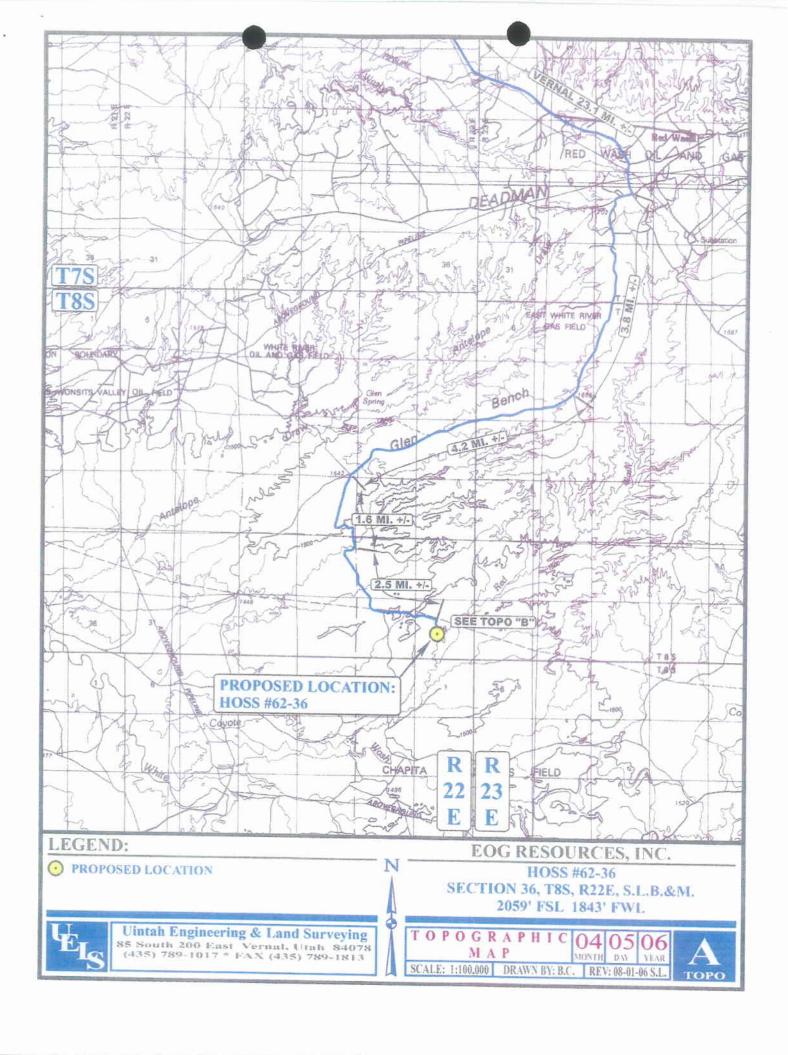
# EOG RESOURCES, INC. HOSS #62-36 SECTION 36, T8S, R22E, S.L.B.&M.

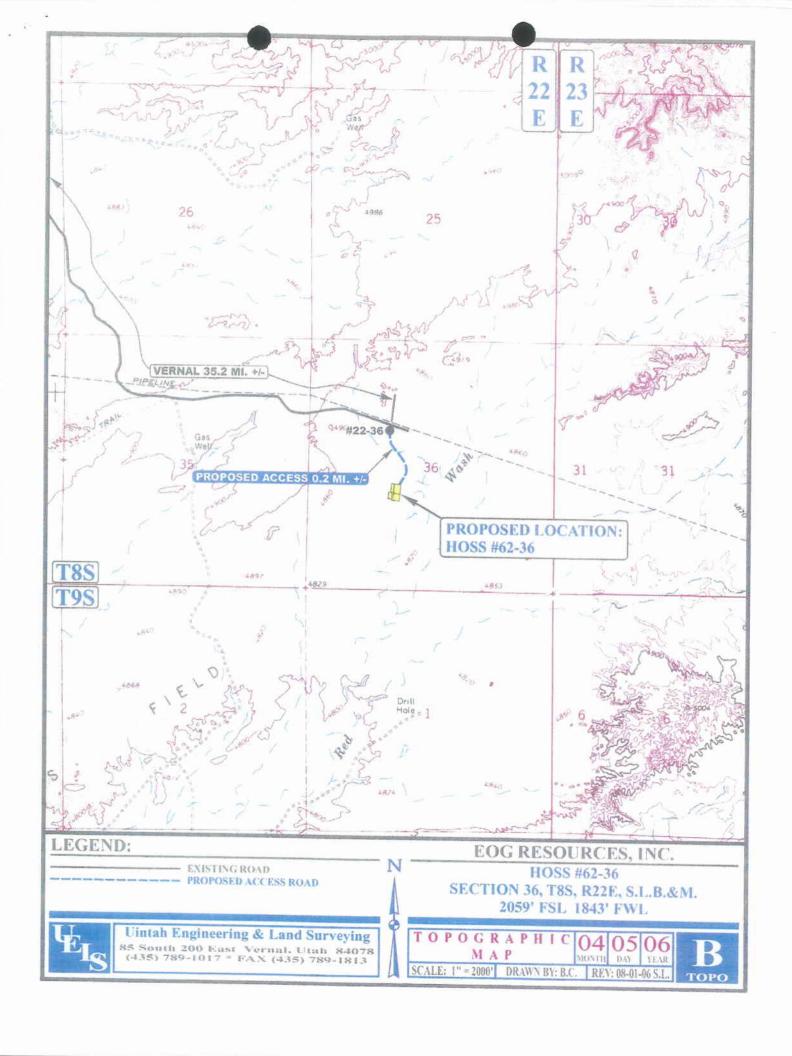
PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 19.2 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY. THEN **EASTERLY** THEN SOUTHERLY **DIRECTION** APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN AN WESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE EXISTING #22-36 AND THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

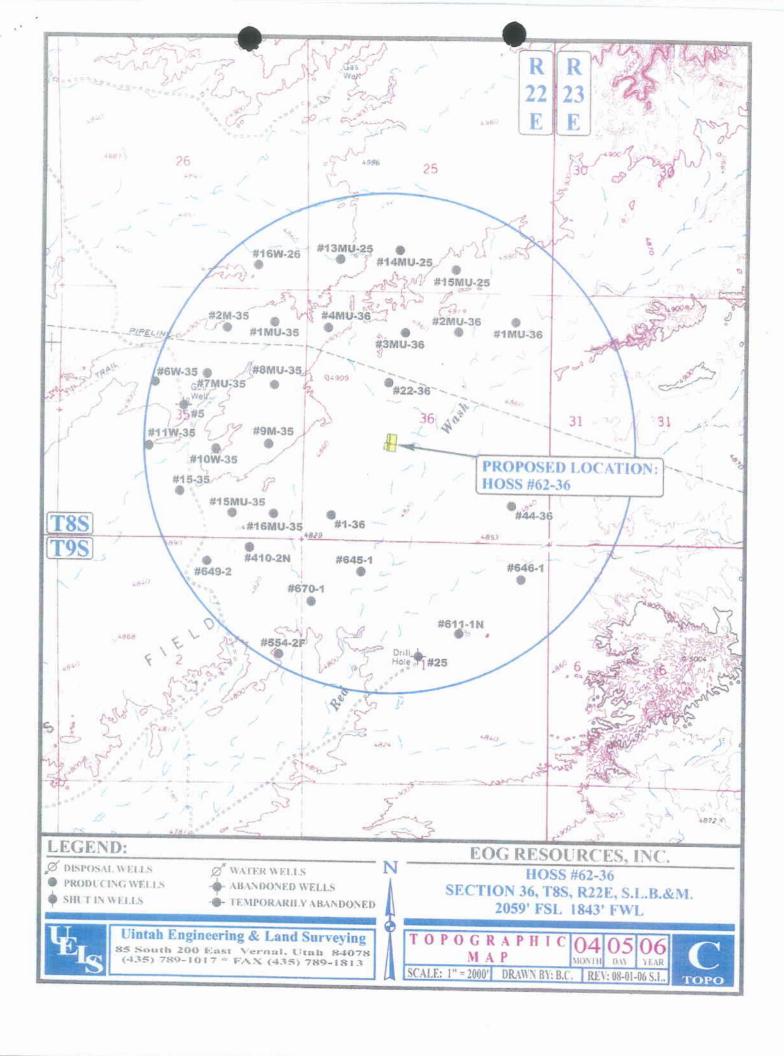
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 35.4 MILES.

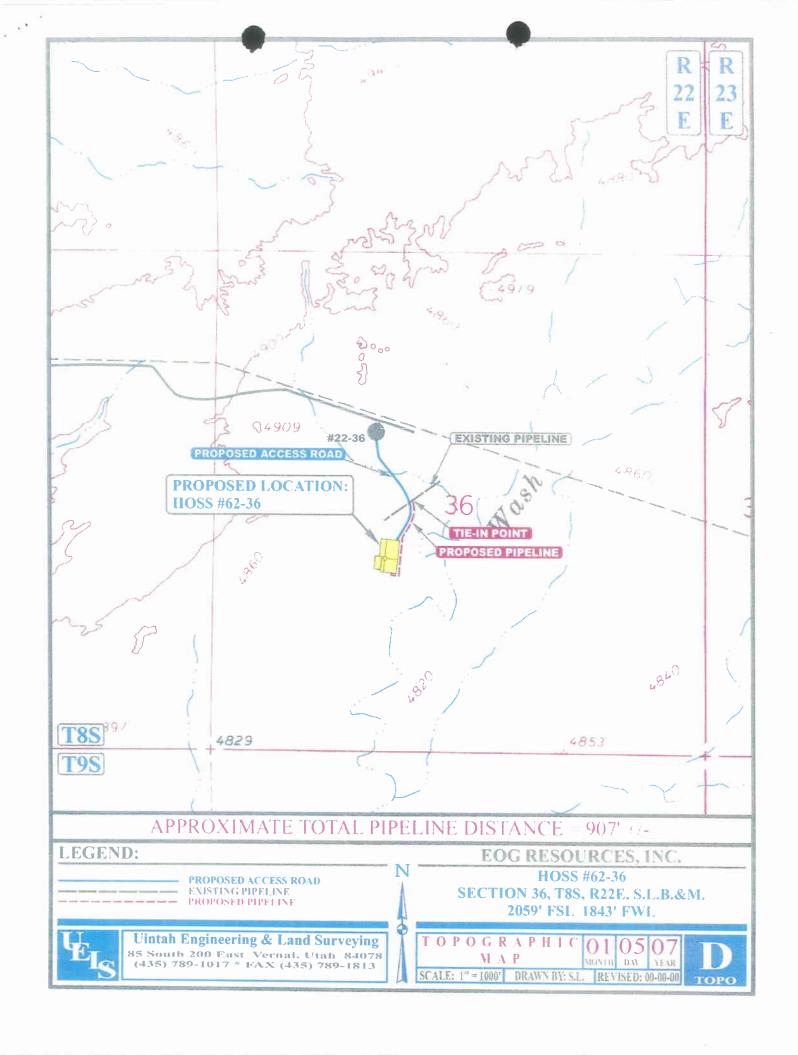




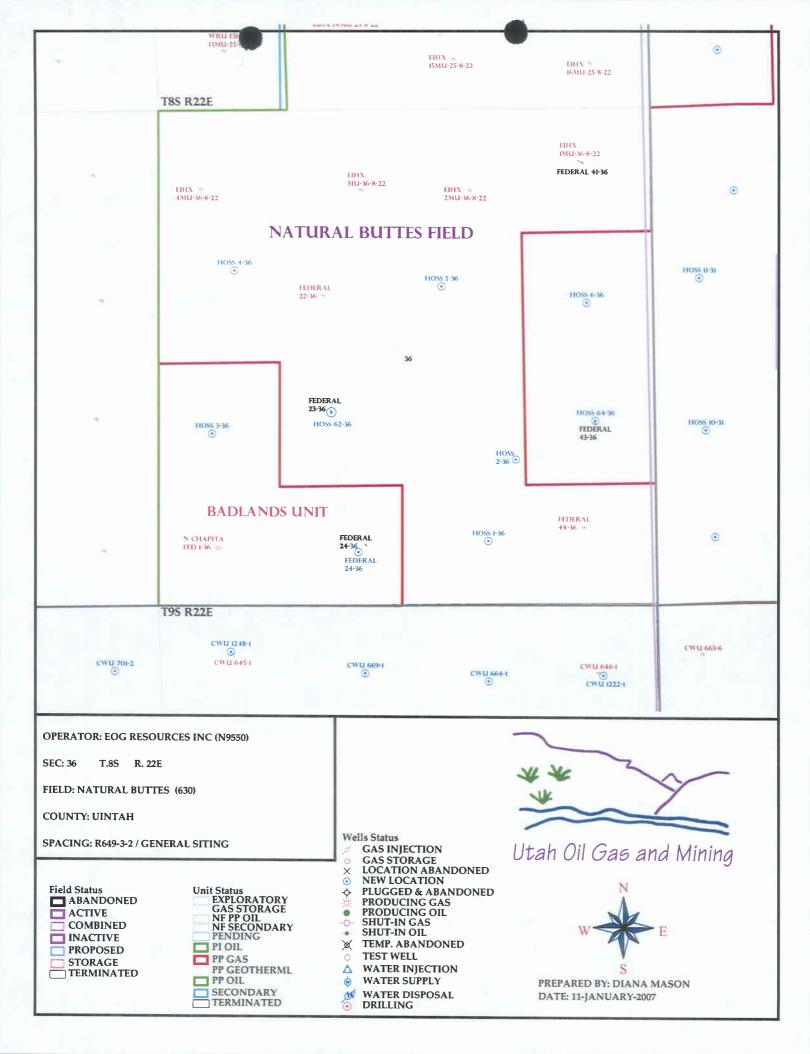








APD RECEIVED: 01/11/2007	API NO. ASSIGNED: 43-047-38972	API NO. ASSIGNED: 43-047-38972			
WELL NAME: HOSS 62-36  OPERATOR: EOG RESOURCES INC ( N9550 )  CONTACT: KAYLENE GARDNER	PHONE NUMBER: 435-781-9111	PHONE NUMBER: 435-781-9111			
PROPOSED LOCATION:	INSPECT LOCATN BY: / /				
NESW 36 080S 220E SURFACE: 2059 FSL 1843 FWL	Tech Review Initials Date				
BOTTOM: 2059 FSL 1843 FWL	Engineering DLD 42910	7			
COUNTY: UINTAH  LATITUDE: 40.07775 LONGITUDE: -109.3906	Geology				
UTM SURF EASTINGS: 637232 NORTHINGS: 443741	Surface				
FIELD NAME: NATURAL BUTTES (630)  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU 56960  SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: MNCS COALBED METHANE WELL? NO				
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. NM 2308 )  Potash (Y/N)  N Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 49-1501 )  RDCC Review (Y/N)  (Date: )  The Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)  (Winch (Messure de Mancos)	LOCATION AND SITING:  R649-2-3.  Unit: R649-3-2. General	ls			
STIPULATIONS:  1. Commission  2. Spanish Stip  3- Commission					





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > January 29, 2007

EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078

Re:

Hoss 62-36 Well, 2059' FSL, 1843' FWL, NE SW, Sec. 36, T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Administrative approval for commingling the production from the Wasatch formation, Mancos formation, and the Mesaverde formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38972.

Sincerely,

Gil Hunt

**Associate Director** 

Stir That

pab Enclosures

cc:

Uintah County Assessor (via e-mail)

Bureau of Land Management, Vernal District Office

Lease:						
API Number:	43-047-38972 UTU-56960					
A DT Navenda and	42.047	20070				
Well Name & Number	Hoss 62	2-36				
Operator:	EOG Resources, Inc.					

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-5 (February 2005)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

SUNDRY NOTICES AND	REPORTS ON WELLS	UTU-56960
Do not use this form for propo	osals to drill or to re-enter an 60-3 (APD) for such proposals.	6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE- Other	er instructions on reverse side.	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well Gas Well	Other	8. Well Name and No.
2. Name of Operator EOG Resources, Inc.		9. API Well No.
Sa Address	3b. Phone No. (include area code)	43-047-38972
4. Location of Well (Footage, Sec., T., R., M., or Survey Desc	303-824-5526	10. Field and Pool, or Exploratory Area Natural Buttes/Wasatch/Mesaverde
2059' FSL & 1843' FWL (NESW)	4	11. County or Parish, State
Sec. 36-T8S-R22E 40.077747 LAT 109.391233 LO	N	Uintah County, Utah
12. CHECK APPROPRIATE BOX(	(ES) TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Acidize	Deepen Production	(Start/Resume) Water Shut-Off
✓ Notice of Intent ☐ Alter Casing	Fracture Treat Reclamation	Well Integrity
Subsequent Report Casing Repair	New Construction Recomplete	Other
Final Abandonment Notice Convert to Inject	Plug and Abandon Temporarily	
following completion of the involved operations. If the testing has been completed. Final Abandonment Notice determined that the site is ready for final inspection.)  EOG Resources, Inc. requests permssion to cha 14,300'  TO  10,000'  Attached is a revised drilling plan.	es must be filed only after all requirements, including rec	lamation, have been completed, and the operator has
14. Thereby certify that the foregoing is true and corre	By:	
Name (Printed/Typed)  Mary A. Maestas	Title Regulatory Assista	nt
Signature Mary a. Ma	e on Date	03/07/2007
THIS SPACE	FOR FEDERAL OR STATE OFFIC	CE USE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of the certify that the applicant holds legal or equitable title to the which would entitle the applicant to conduct operations the	his notice does not warrant or ose rights in the subject lease Office	1
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, States any false, fictitious or fraudulent statements or repre	, make it a crime for any person knowingly and willfi	illy to make to any department or agency of the United

(Instructions on page 2)

RECEIVED

MAR 0 8 2007

#### <u>HOSS 62-36</u> <u>NE/SW, SEC. 36, T8S, R22E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	2,116		Shale	
Wasatch	5,108	Primary	Sandstone	Gas
Chapita Wells	5,748	Primary	Sandstone	Gas
Buck Canyon	6,417	Primary	Sandstone	Gas
North Horn	6,991	Primary	Sandstone	Gas
KMV Price River	7,657	Primary	Sandstone	Gas
KMV Price River Middle	8,482	Primary	Sandstone	Gas
KMV Price River Lower	9,256	Primary	Sandstone	Gas
Sego	9,702		Sandstone	
TD	10,000			

Estimated TD: 10,000' or 200'± below Sego top

**Anticipated BHP: 5,460 Psig** 

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	Size	WEIGHT	<u>Grade</u>	<u>Thread</u>	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 1/2"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0' - 2,300' KB±	9-5/8''	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8**	Surface± - TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,710 Psi	284,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

#### <u>HOSS 62-36</u> <u>NE/SW, SEC. 36, T8S, R22E, S.L.B.&M..</u> UINTAH COUNTY, UTAH

#### 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

**Guide Shoe** 

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

#### Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

#### **Reference:** Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

#### <u>HOSS 62-36</u> <u>NE/SW, SEC. 36, T8S, R22E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

#### 8. EVALUATION PROGRAM:

Logs:

Lead:

Mud log from base of surface casing to TD.

**Cased-hole Logs:** 

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

#### 9. CEMENT PROGRAM:

#### **Surface Hole Procedure (Surface - 2300'±):**

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx

Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail: Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

#### Production Hole Procedure (2300'± - TD)

Lead: 160 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

Tail: 955 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

#### HOSS 62-36 NE/SW, SEC. 36, T8S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 10. ABNORMAL CONDITIONS:

#### Surface Hole (Surface - 2300'±):

Lost circulation

#### Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

Form 3160-5 (February 2005)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

5. Lease Serial No.

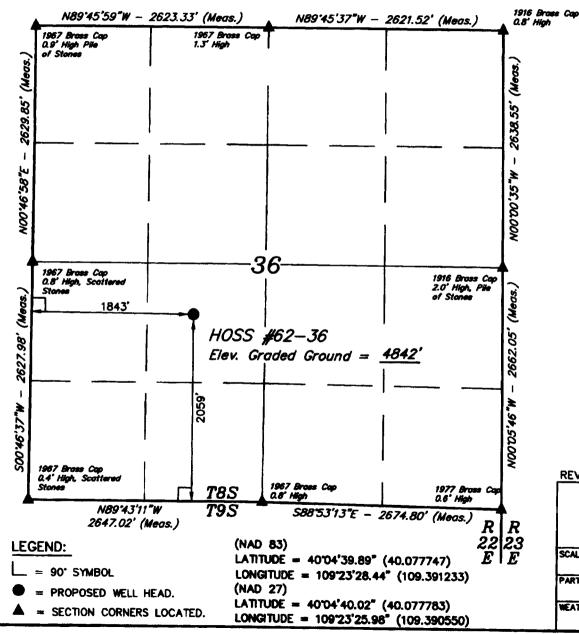
Notice of Intent	Abandon layout  Other Change location layout  of any proposed work and approximate duration thereof d true vertical depths of all pertinent markers and zones, quired subsequent reports must be filed within 30 days ion in a new interval, a Form 3160-4 must be filed once clamation, have been completed, and the operator has
1. Type of Well Oil Well Gas Well Other  2. Name of Operator EOG Resources, Inc.  3a. Address 600 17th Street, Suite 1000N, Denver, CO 80202 3b. Phone No. (include area code) 303-824-5526  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  2059' FSL & 1843' FWL (NESW) Sec. 36-T8S-R22E 40.077747 LAT 109,391233 LON  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE,  TYPE OF SUBMISSION TYPE OF ACTION  Acidize Deepen Production  Alter Casing Fracture Treat Reclamatio  Casing Repair New Construction Recomplete  Casing Repair Plug and Abandon Temporarit  Final Abandonment Notice Convert to Injection Plug Back Water Disp  13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Refollowing completion of the involved operations. If the operation results in a multiple completion or recompleted testing has been completed. Final Abandonment Notices must be filed only after all requirements, including redetermined that the site is ready for final inspection.)  As per verbal approval with Paul Buhler, BLM Vernal Field Office, EOG Resources, Inc. requals per the attached revised plat, for the referenced well. The original location layout did not put anchors at distances as required by the manufacturer and API specifications.	8. Well Name and No.  Hoss 62-36  9. API Well No.  43-047-38972  10. Field and Pool, or Exploratory Area Natural Buttes/Wasatch/Mesaverde  11. County or Parish, State Uintah County, UT  REPORT, OR OTHER DATA  (Start/Resume)
2. Name of Operator  EOG Resources, Inc.  3a. Address 600 17th Street, Suite 1000N, Denver, CO 80202  3b. Phone No. (include area code) 303-824-5526  4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2059' FSL & 1843' FWL (NESW) Sec. 36-T8S-R22E 40.077747 LAT 109.391233 LON  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, TYPE OF SUBMISSION  TYPE OF ACTION  Acidize Deepen Production Alter Casing Fracture Treat Recalamatio Casing Repair New Construction Plug and Abandon Temporaril Change Plans Plug and Abandon Temporaril Temporaril Thial Abandonment Notice Convert to Injection  Plug Back Water Disp  13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Refollowing completed. Final Abandonment Notices must be filed only after all requirements, including redetermined that the site is ready for final inspection.)  As per verbal approval with Paul Buhler, BLM Vernal Field Office, EOG Resources, Inc. requals per the attached revised plat, for the referenced well. The original location layout did not pranchors at distances as required by the manufacturer and API specifications.	Hoss 62-36  9. API Well No. 43-047-38972  10. Field and Pool, or Exploratory Area Natural Buttes/Wasatch/Mesaverde  11. County or Parish, State Uintah County, UT  REPORT, OR OTHER DATA  (Start/Resume) Water Shut-Off Well Integrity Other Change location layout  of any proposed work and approximate duration thereof, d true vertical depths of all pertinent markers and zones, quired subsequent reports must be filed within 30 days ion in a new interval, a Form 3160-4 must be filed once clamation, have been completed, and the operator has
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12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE,  TYPE OF SUBMISSION  TYPE OF ACTION    Acidize	REPORT, OR OTHER DATA  (Start/Resume)
TYPE OF SUBMISSION  Acidize Deepen Production Subsequent Report Casing Repair New Construction Plug and Abandon Temporarit Change Plans Plug and Abandon Plug Back Water Disp  Convert to Injection  Bescribe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured at Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Refollowing completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices must be filed only after all requirements, including redetermined that the site is ready for final inspection.)  As per verbal approval with Paul Buhler, BLM Vernal Field Office, EOG Resources, Inc. requase per the attached revised plat, for the referenced well. The original location layout did not preached the standard of the involved by the manufacturer and API specifications.	(Start/Resume)
Notice of Intent  Acidize  Deepen  Production  Acidize  New Casing  Reclamatio  Casing Repair  Change Plans  Plug and Abandon  Temporarit  Convert to Injection  Plug Back  Water Disp  Convert to Injection  Plug Back  Water Disp  Temporarit  If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured at Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Refollowing completion of the involved operations. If the operation results in a multiple completion or recomplete testing has been completed. Final Abandonment Notices must be filed only after all requirements, including redetermined that the site is ready for final inspection.)  As per verbal approval with Paul Buhler, BLM Vernal Field Office, EOG Resources, Inc. requas per the attached revised plat, for the referenced well. The original location layout did not pranchors at distances as required by the manufacturer and API specifications.	Well Integrity  Other Change location  Abandon layout  of any proposed work and approximate duration thereof, d true vertical depths of all pertinent markers and zones, quired subsequent reports must be filed within 30 days ion in a new interval, a Form 3160-4 must be filed once clamation, have been completed, and the operator has
Notice of Intent    Alter Casing	Well Integrity  Other Change location  Abandon layout  of any proposed work and approximate duration thereof, d true vertical depths of all pertinent markers and zones, quired subsequent reports must be filed within 30 days ion in a new interval, a Form 3160-4 must be filed once clamation, have been completed, and the operator has
Subsequent Report  Casing Repair  Change Plans  Plug and Abandon  Temporarit  Convert to Injection  Plug Back  Water Disp  Convert to Injection  Plug Back  Water Disp  Temporarit  If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured at Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Refollowing completion of the involved operations. If the operation results in a multiple completion or recompletesting has been completed. Final Abandonment Notices must be filed only after all requirements, including redetermined that the site is ready for final inspection.)  As per verbal approval with Paul Buhler, BLM Vernal Field Office, EOG Resources, Inc. requas per the attached revised plat, for the referenced well. The original location layout did not pranchors at distances as required by the manufacturer and API specifications.	Abandon layout  Other Change location layout  of any proposed work and approximate duration thereof d true vertical depths of all pertinent markers and zones, quired subsequent reports must be filed within 30 days ion in a new interval, a Form 3160-4 must be filed once clamation, have been completed, and the operator has
Final Abandonment Notice    Change Plans	Abandon layout osal of any proposed work and approximate duration thereof d true vertical depths of all pertinent markers and zones, quired subsequent reports must be filed within 30 days ion in a new interval, a Form 3160-4 must be filed once clamation, have been completed, and the operator has
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FC	Accepted by the Utah Division of III, Gas and Mining IR RECORD ONLY
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  Mary A. Maestas  Title Regulatory Assist	ant
Signature Mary Q. Mar. Date	04/24/2007
THIS SPACE FOR FEDERAL OR STATE OFF	CE USE
Approved by Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	1
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and will States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

(Instructions on page 2)

RECEIVED

APR 2 5 2007

# T8S, R22E, S.L.B.&M.



### as shown in the NE 1/4 SW 1/4 of Section 36, T8S, R22E, S.L.B.&M. Uintah County, Utah

Well location, HOSS #62-36, located

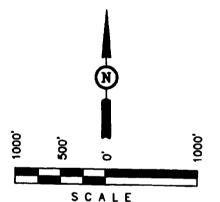
EOG RESOURCES, INC.

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF ELEVATION

#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



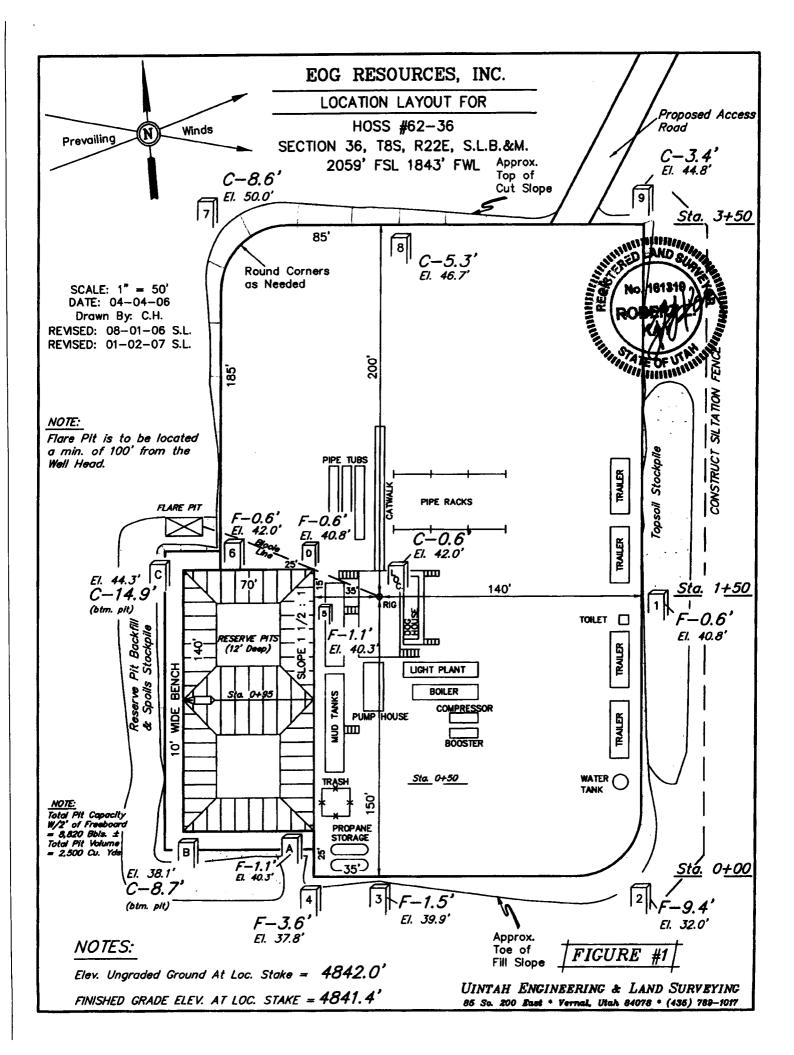
#### CERTIFICATE

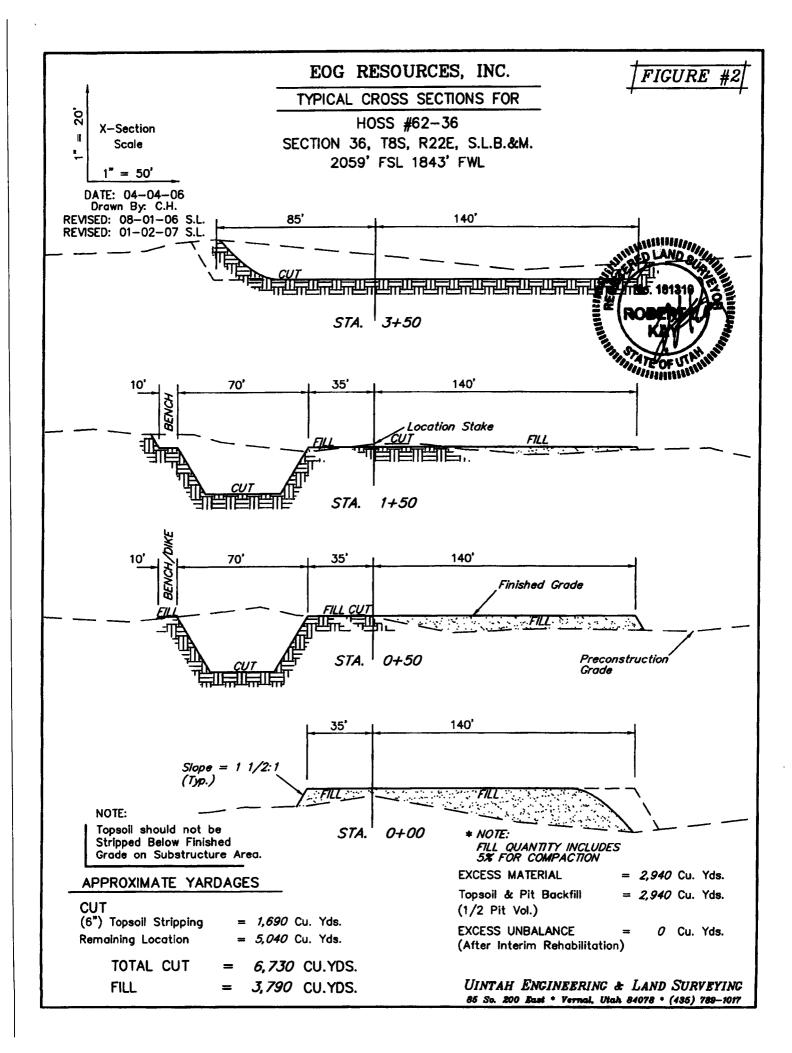
REVISED: 08-01-06 S.L.

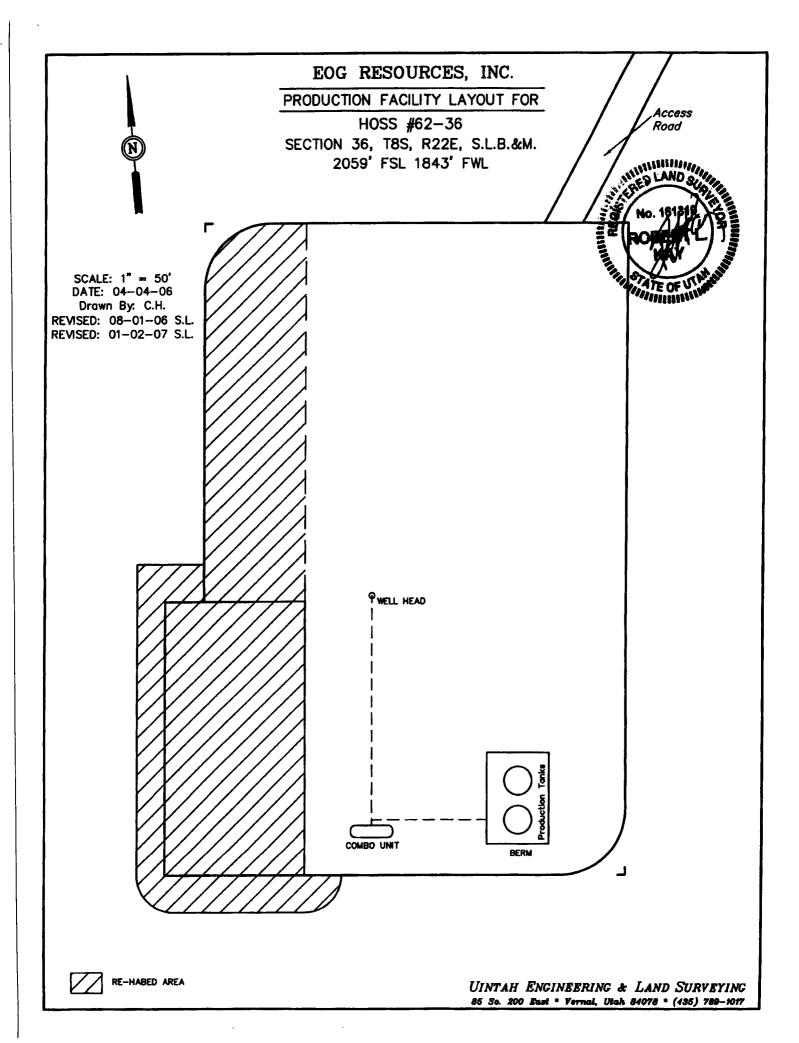
### Unitah Engineering & Land Surveying 85 South 200 East - Vernal, Utah 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 04-04-06
PARTY B.H. M.C. C.H.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE EOG RESOURCES, INC.







### EOG RESOURCES, INC.

HOSS #62-36

LOCATED IN UINTAH COUNTY, UTAH SECTION 36, T8S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

**CAMERA ANGLE: SOUTHERLY** 



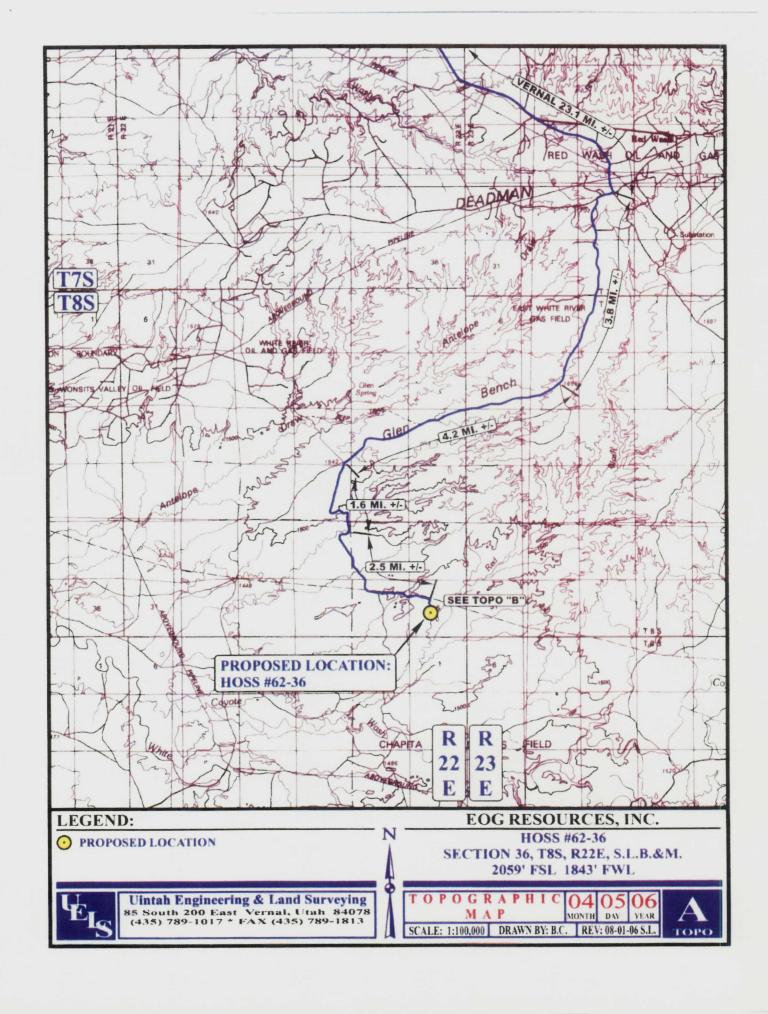
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 Vernal, Utah 84078 uels@uelsinc.com

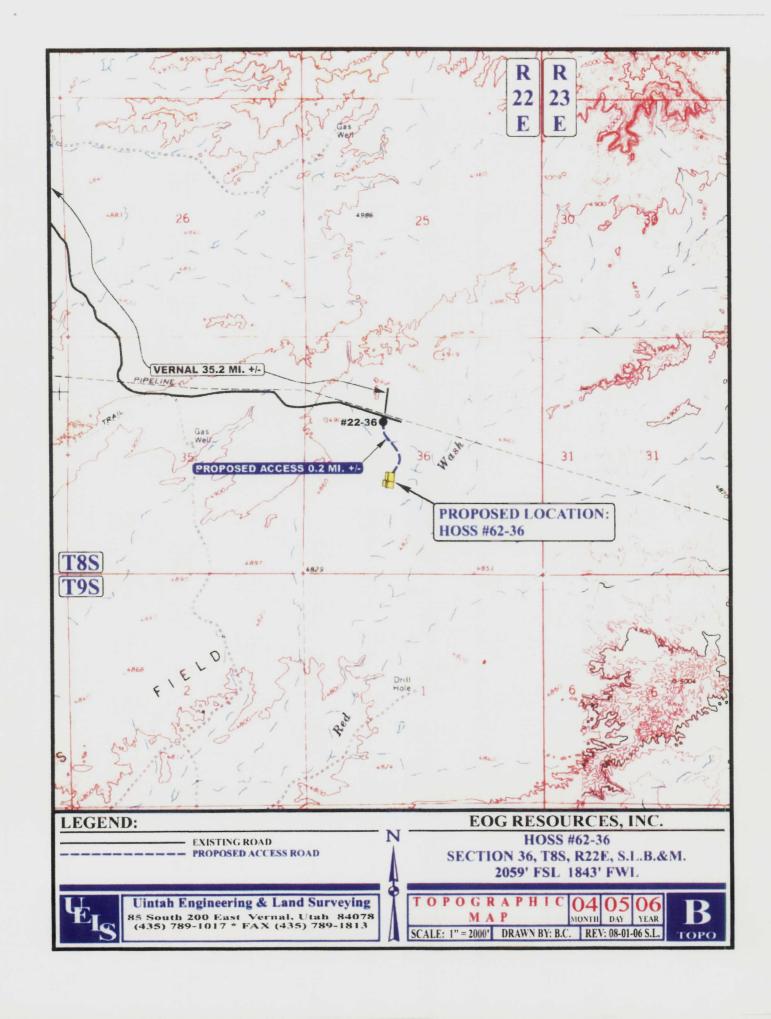
**LOCATION PHOTOS** 

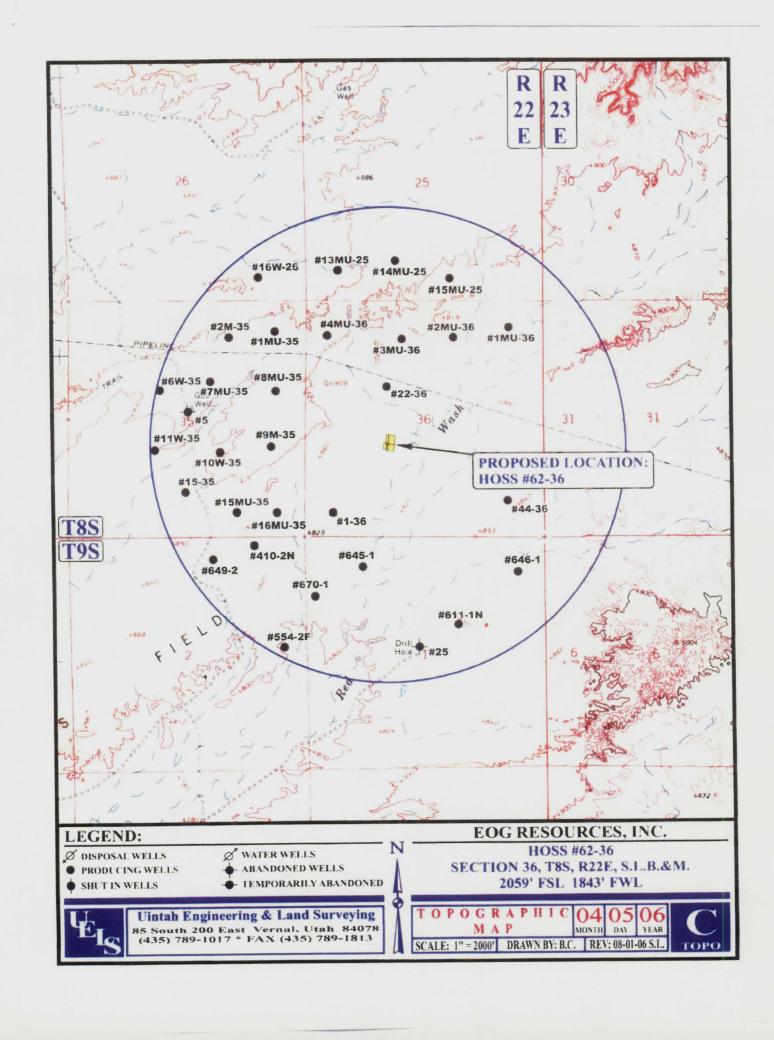
MONTH DAY YEAR

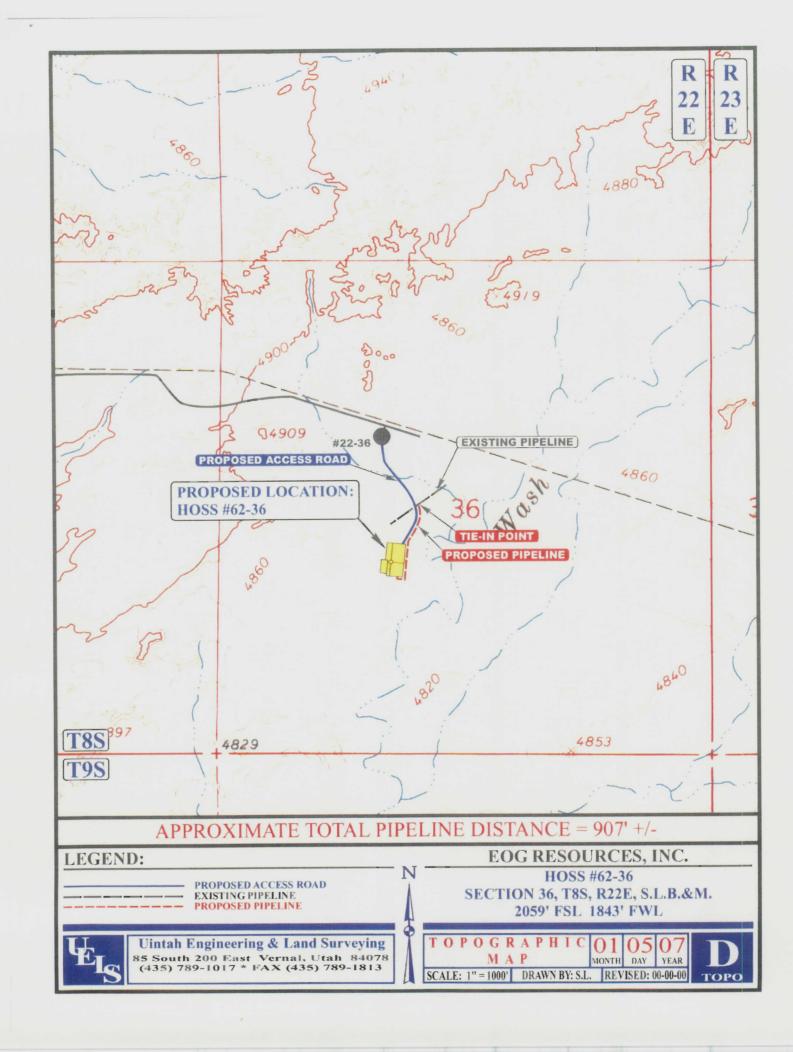
**РНОТО** 

TAKEN BY: B.H. DRAWN BY: B.C. REV: 08-01-06 S.L.









### RECEIVED

Form 3160-3 (February 2005)

JAN 10 2007

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES DEPARTMENT OF THE INTERIOR BUDGATIOS LAND MANAGEMENTE

Lease Serial No. UTU 56960

APPLICATION FOR PERMIT TO	MI IVI V	FENAL UI	AH	6. If Indian, Allotee of	or Tribe Name	
la. Type of work:  DRILL  REENT	<del></del> ΓER			7 If Unit or CA Agree	ment, Name and No.	
lb. Type of Well: ☐Oil Well ☐Gas Well ☐Other	Sir	ngle Zone 🚺 Multip	ole Zone	8. Lease Name and W Hoss 62-36	eli No.	
2. Name of Operator EOG RESOURCES, INC				9. API Well No. 43./47.	3297)	
3a. Address 1060 East Highway 40 Vernal, UT 84078	3b. Phone No. 435-78	. (include area code) 1-9111		10. Field and Pool, or Exploratory Natural Buttes/Mesaverde		
Location of Well (Report location clearly and in accordance with a At surface     At proposed prod. zone     SAME				11. Sec., T. R. M. or Blk. and Survey or Area  SECTION 36, T8S, R22E S.L.B.&M		
14. Distance in miles and direction from nearest town or post office*  35.4 Miles South of Vernal, UT				12. County or Parish Uintah	13. State UT	
15. Distance from proposed* 10cation to nearest 1523 Lease Line 1525 property or lease line, ft. (Also to nearest drig. unit line, if any) 1523 Drilling Line	16. No. of a	cres in lease	17. Spacin	g Unit dedicated to this we	ell	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed	i Depth /// 000	20. BLM/ NM 2	BIA Bond No. on file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4822 GL						
	24. Attac	chments			<del></del>	
The following, completed in accordance with the requirements of Onsh	ore Oil and Gas	Order No.1, must be a	tached to th	is form:		
Well plat certified by a registered surveyor.     A Drilling Plan.		4. Bond to cover the Item 20 above).	ne operatio	ns unless covered by an e	xisting bond on file (see	
3. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).	n Lands, the	5. Operator certific 6. Such other site BLM.		ormation and/or plans as r	nay be required by the	
25. Signartie	1	(Printed Typed) Kaylene R. Gardne	•	[	Date 01/09/2007	
Sr. Regulatory Assistant						
Approved by (Signature)		(Printed Typed)			Date	
Title Lands & Mineral Resources	Office	me Kenneks			5-2-2007	
Application approval does not warrant or certify that the applicant hol conduct operations thereon. Conditions of approval, if any, are attached.	lds legal or equi	table title to those righ	ts in the sub	oject lease which would en	title the applicant to	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as			villfully to n	nake to any department or	agency of the United	

\*(Instructions on page 2)

#### NOTICE OF APPROVAL



RECEIVED MAY 1 4 2007

DIV. OF OIL, GAS & MINING

NOS 4/27/06



#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

**VERNAL, UT 84078** 

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

**EOG Resources, Inc.** 

Location:

NESW, Sec. 36, T8S, R22E

Well No:

Hoss 62-36

Lease No:

UTU-56960

API No:

Agreement:

43-047-38972

N/A

Name	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Matt Baker	(435) 781-4490	(435) 828-4470
Michael Lee	(435) 781-4432	(435) 828-7875
James Ashley	(435) 781-4470	(435) 828-7874
Ryan Angus	(435) 781-4430	(435) 828-7368
Jamie Sparger	(435) 781-4502	(435) 828-3913
Paul Buhler	(435) 781-4475	(435) 828-4029
Karl Wright	(435) 781-4484	
Holly Villa	(435) 781-4404	
Melissa Hawk	(435) 781-4476	(435) 828-7381
Chuck MacDonald	(435) 781-4441	(435) 828-7481
Jannice Cutler	(435) 781-3400	
Michael Cutler	(435) 781-3401	
Anna Figueroa	(435) 781-3407	
Verlyn Pindell	(435) 781-3402	
Darren Williams	(435) 781-4447	
Nathan Packer	(435) 781-3405	
	Matt Baker Michael Lee James Ashley Ryan Angus Jamie Sparger Paul Buhler Karl Wright Holly Villa Melissa Hawk Chuck MacDonald Jannice Cutler Michael Cutler Anna Figueroa Verlyn Pindell Darren Williams	Matt Baker       (435) 781-4490         Michael Lee       (435) 781-4432         James Ashley       (435) 781-4470         Ryan Angus       (435) 781-4430         Jamie Sparger       (435) 781-4502         Paul Buhler       (435) 781-4475         Karl Wright       (435) 781-4484         Holly Villa       (435) 781-4404         Melissa Hawk       (435) 781-4476         Chuck MacDonald       (435) 781-3400         Michael Cutler       (435) 781-3401         Anna Figueroa       (435) 781-3407         Verlyn Pindell       (435) 781-3402         Darren Williams       (435) 781-4447

Fax: (435) 781-4410

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction	-	Forty-Eight (48) hours prior to construction of location and
(Notify Environmental Scientist)		access roads.
Location Completion	-	Prior to moving on the drilling rig.
(Notify Environmental Scientist)		
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
		than ninety (90) days.

COAs: Page 2 of 7 Well: Hoss 62-36

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### **GENERAL SURFACE COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

#### SITE SPECIFIC SURFACE COAs

- Due to critical soils, BLM will be contacted if the location is being constructed or drilled during wet weather to approve or disapprove all activities during wet weather.
- During construction and drilling, BLM will be contacted if conditions are too wet to determined if gravel will be placed on the roads and location prior to drilling.
- The pipeline will be buried across all low water crossings (minimum of 4ft. or to bed rock)

COAs: Page 3 of 7 Well: Hoss 62-36

#### DOWNHOLE CONDITIONS OF APPROVAL

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 500 ft above the surface casing shoe. COA specification is consistent with operators performance standard stated in APD.
- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

COAs: Page 4 of 7 Well: Hoss 62-36

• The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office
  on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
  completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 5 of 7 Well: Hoss 62-36

#### **OPERATING REQUIREMENT REMINDERS:**

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - O Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
  be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
  reported verbally within 24 hours, followed by a written report within 15 days. "Other than
  Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on
  the Monthly Report of Operations and Production.

COAs: Page 6 of 7 Well: Hoss 62-36

• Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
  lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of
  a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval
  may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 7 of 7 Well: Hoss 62-36

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

### **DIVISION OF OIL, GAS AND MINING**

### **SPUDDING INFORMATION**

Name of Cor	mpany:_		EOG R	<b>ESOURC</b>	CES IN	<u>C</u>		
Well Name:			HOSS	62-36				
Api No:	43-04	<del>17-38972</del>		Lease [	Гуре:_	FED	ERAL	
Section 36	Town	nship <u>08S</u>	Range_	<b>22E</b> Co	unty	UINT	AH	
Drilling Con	tractor _	ROCKY	MOUNT	AIN DRL	<u>.G</u>	_RIG #_	RATHOLE	
SPUDDE	D:							
	Date	0	8/28/07	<del></del>				
	Time _	5	:30 PM					
	How_	I	DRY					
Drilling wi	ill Com	mence:						
Reported by		J	ERRY BA	RNES				
Telephone#	***		(435) 828-1	720		· · · · · · · · · · · · · · · · · · ·		
Date	08/29/0	)7		_Signed	CI	HD		

#### STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

#### **ENTITY ACTION FORM**

Operator:

EOG RESOURCES, INC.

Operator Account Number: N 9550

Address:

600 17th Street

city Denver

state CO

zip 80202

Phone Number: (303) 262-2812

#### Well 1

API Number	Well	Name	QQ Sec Twp NENW 34 8S Spud Date		Rng County  22E UINTAH  Entity Assignment Effective Date	
43-047-38043	NORTH CHAPITA 33	36-34				
Action Code	Current Entity Number	New Entity Number				
Α	99999	16346	8/28/2007		9/2	5/07

Well 2

		Name	QQ         Sec         Twp           SWSW         1         9S           Spud Date           8/28/2007		Rng County 23E UINTAH Entity Assignment Effective Date	
43-047-38894	HOSS 75-1					
Action Code	Current Entity Number	New Entity Number				
Α	99999	16347			9/	9/25/07

Well 3

API Number	Well	Name QQ Sec Twp		Rng County			
43-047-38972	HOSS 62-36		NESW	36	88	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	s	Spud Date		Entity Assignment Effective Date	
Α	99999	16348	8	3/28/200	)7	9/3	35/07
Comments: V		RECEIV	/CD				,

MNCS

UECEIVED

#### **ACTION CODES:**

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (Explain in 'comments' section)

DIV. OF OIL, GAS & MINING Carrie MacDonald

Name (Please Print)

Signature

**Operations Clerk** 

8/29/2007

Title

Date

Form 3160-5 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPRO	VED
OMB No. 1004-	0137
Expires: July 31	2010

5. Lease Serial No. UTU-56960

6. If Indian, Allottee or Tribe Name

# SUNDRY NOTICES AND REPORTS ON WELLS

	orm for proposals to Use Form 3160-3 (Al					
SUBMI	T IN TRIPLICATE - Other i	instructions on pa	ge 2.		7. If Unit of CA/Agree	ment, Name and/or No.
1. Type of Well						
Oil Well Gas W	/ell Other				8. Well Name and No. Hoss 62-36	
2. Name of Operator EOG Resources, Inc.					9. API Well No. 43-047-38972	
3a. Address		3b. Phone No. (inc	lude area coa	le)	10. Field and Pool or E	xploratory Area
600 17th Street, Suite 1000N Denver, CO 80202		(303) 262-2812			Natural Buttes/Wasa	tch/Mesaverde
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description)				11. Country or Parish,	State
2,059' FSL & 1,843' FWL (NESW) Sec. 36-T8S-	R22E 40.077747 LAT 109.391233 I	_ON	·		Uintah County, Utah	
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INDICA	TE NATURE	OF NOTIC	CE, REPORT OR OTHE	ER DATA
TYPE OF SUBMISSION			TY	PE OF ACT	ION	
Notice of Intent	Acidize	Deepen		Prod	uction (Start/Resume)	Water Shut-Off
Notice of filteric	Alter Casing	Fracture	Treat .	Recla	amation	Well Integrity
Subsequent Report	Casing Repair	New Con	struction	Reco	mplete	Other Well spud
Y Bussequent report	Change Plans	Plug and	Abandon	Temp	oorarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Bac	C	☐ Wate	r Disposal	
The referenced well spud on 8/28/2	007.				REC	EIVED
					IILO	LIVLD
					AUG :	3 1 2007
					DIV. OF OIL,	GAS & MINING
14. I hereby certify that the foregoing is Name (Printed/Typed)  Carrie MacDonald	rue and correct.	Ti	tle Operatio	ns Clerk		
Signature Chris		Q D	ate 08/29/20	007		
•	THIS SPACE	FOR FEDERA	AL OR ST	ATE OF	FICE USE	
Approved by		2,1 (0.7)	Title			Date
Conditions of approval, if any, are attache that the applicant holds legal or equitable entitle the applicant to conduct operations	title to those rights in the subjec	not warrant or certi t lease which would	fy			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OMB No. 1004-0137 Expires: July 31, 2010

6. If Indian, Allottee or Tribe Name

FORM APPROVED

5. Lease Serial No. UTU-56960

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

abandoned well.	Use Form 3160-3 (A	PD) for such proposal	s.			
SUBMI	T IN TRIPLICATE - Other	instructions on page 2.	7. If Unit	of CA/Agreem	ent, Name and/or No.	
1. Type of Well						<del>,</del>
Oil Well		8. Well Name and No. Hoss 62-36				
2. Name of Operator EOG Resources, Inc.			9. API W 43-047-	ell No. 38972		
3a. Address		3b. Phone No. (include area co	de) 10. Field	and Pool or Exp	ploratory Area	
600 17th Street, Suite 1000N Denver, CO 80202				Natural Buttes/Wasatch/Mesaverde		
4. Location of Well (Footage, Sec., T.,.	R., M., or Survey Description	)	11. Coun	try or Parish, St	tate	
2,059' FSL & 1,843' FWL (NESW) Sec. 36-T8S-	R22E 40.077747 LAT 109.391233	LON	Uintah (	County, Utah		
12. CHEC	CK THE APPROPRIATE BO	X(ES) TO INDICATE NATUR	E OF NOTICE, REPO	RT OR OTHER	RDATA	
TYPE OF SUBMISSION		TY	PE OF ACTION			
✓ Notice of Intent	Acidize	Deepen	Production (Sta	rt/Resume)	Water Shut-Off	
Notice of Intent	Alter Casing	Fracture Treat	Reclamation		Well Integrity	
C Culturate Param	Casing Repair	New Construction	Recomplete		Other	
Subsequent Report	Change Plans	Plug and Abandon	Temporarily At	oandon		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal			

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

- 1. Natural Buttes Unit 21-20B SWD
- 2. Chapita Wells Unit 550-30N SWD
- 3. Ace Disposal
- 4. RN Industries

Accepted by the Utah Division of Cit. Gas and Mining FOR RECORD ONLY

RECEIVED AUG 3 1 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing Name (Printed/Typed)  Carrie MacDonald		ile Operations Clerk	
Signature Cun		ite 08/29/2007	
	THIS SPACE FOR FEDERA	L OR STATE OFFI	CE USE
Approved by		1	
		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office	
Title 18 U.S.C. Section 1001 and Titl	e 43 U.S.C. Section 1212, make it a crime for any perso	n knowingly and willfully to	make to any department or agency of the United States any false,

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any fails fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	VED
OMB No. 1004-	0137
Evniree: July 31	2010

	Expires:	J
<ol><li>Lease Serial No.</li></ol>		
UTU56960		

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

6. If Indian, Allottee or Tribe Name

	orm for proposals ( Use Form 3160-3 (A					
SUBMIT	T IN TRIPLICATE – Other	r instructions or	n page 2.		7. If Unit of CA/Agreement, Name and/or No.	
1. Type of Well						
Oil Well Gas Well Other			8. Well Name and No. Hoss 62-36			
Name of Operator     EOG Resources, Inc.					9. API Well No. 43-047-38972	
3a. Address 600 17th Street, Suite 1000N		3b. Phone No.	(include area cod	le)	10. Field and Pool or I	Exploratory Area
Denver, CO 80202		303-824-5526	3		Natural Buttes/Wasa	
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 2059' FSL & 1843' FWL (NESW) Sec. 36-T8S-R22E 40.077747 LAT 109.391233 LON				<ol> <li>Country or Parish,</li> <li>Uintah County, Utah</li> </ol>		
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO IND	ICATE NATURE	OF NOTIC	CE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION			TYI	PE OF ACT	ION	
Notice of Intent	Acidize Alter Casing		are Treat	Recla	uction (Start/Resume) amation	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Change Plans	=	Construction and Abandon	=	mplete	Other Drilling operations
Final Abandonment Notice	Convert to Injection	Plug l			oorarily Abandon r Disposal	
Attach the Bond under which the was following completion of the involve testing has been completed. Final a determined that the site is ready for the subject well reached TD on 11/3.	ed operations. If the operati Abandonment Notices must final inspection.) 28/2007. Pending further	ion results in a m be filed only afte	ultiple completion er all requirement	n or recomp s, including	letion in a new interval, reclamation, have been	a Form 3160-4 must be filed once completed and the operator has
Name (Printed/Typed) Mary A. Maestas			Title Regulato	rv Assistar	nt	
Signature Mary (	Marsa		Date 02/14/20			
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OF	FICE USE	
Approved by				117.		
			Title		I	Date
Conditions of approval, if any, are attached that the applicant holds legal or equitable tentitle the applicant to conduct operations	itle to those rights in the subje	es not warrant or c	ertify ould Office			
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it	a crime for any ne	rson knowingly ar	nd willfully to	o make to any dena	tellsaventy of the Wnited States any falsa

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- ➤ Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - · A copy of electric and radioactivity logs, if run
  - · A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice	e, the division has no	ot received the requir	red reports for
Operator: EOG Resources, Inc.		Today's I	Date: 02/14/2008
Well:		API Number:	Drilling Commenced:
See Attachment	43 047 Hoss 6:	1 38972	
	85 27		

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

Well:		4 DI M	C1
Pete's Wash 10-36	dula mata/xxxan	API Number:	Commenced:
Hoss 8-31	drlg rpts/wcr	4301333094	10/18/2006
	Wcr	4304738606	11/30/2006
Simoleon 1-26GR	drlg rpts/wcr	4304737507	02/23/2007
Hoss 7-31	drlg rpts/wcr	4304738669	02/23/2007
E Chapita 8-16	drlg rpts/wcr	4304736815	03/17/2007
Hoss 1-36	drlg rpts/wcr	4304738612	03/22/2007
Hoss 11-31	drlg rpts/wcr	4304738670	03/24/2007
Hoss 35-30	drlg rpts/wcr	4304738706	03/24/2007
Hoss 36-30	drlg rpts/wcr	4304738763	03/24/2007
Hoss 21-32	drlg rpts/wcr	4304738714	04/09/2007
Hoss 20-32	drlg rpts/wcr	4304738717	04/17/2007
Hoss 23-32	drlg rpts/wcr	4304738716	04/25/2007
Hoss 4-36	drlg rpts/wcr	4304738609	05/03/2007
Hoss 32-30	drlg rpts/wcr	4304738701	06/12/2007
Hoss 37-30	drlg rpts/wcr	4304738709	06/12/2007
NBU 319-17E	drlg rpts/wcr	4304737511	07/05/2007
NBU 557-18E	drlg rpts/wcr	4304737513	07/07/2007
Hoss 38-30	drlg rpts/wcr	4304738708	07/11/2007
CWU 1237-21	wcr	4304738078	07/27/2007
Hoss 58-35	drlg rpts/wcr	4304738888	08/03/2007
Hoss 31-30	drlg rpts/wcr	4304738702	08/10/2007
Hoss 63-31	drlg rpts/wcr	4304738960	08/10/2007
NBU 556-18E	drlg rpts/wcr	4304737514	08/13/2007
CWU 957-32	drlg rpts/wcr	4304736486	08/16/2007
NBU 555-18E	drlg rpts/wcr	4304737685	08/19/2007
Hoss 62-36	drlg rpts/wcr	4304738972	08/28/2007
NBU 438-19E	drlg rpts/wcr	4304737534	08/31/2007
N Chapita 284-6	drlg rpts/wcr	4304737716	09/05/2007
CWU 1031-32	drlg rpts/wcr	4304737720	09/10/2007
Hoss 64-36	drlg rpts/wcr	4304738964	09/13/2007
CWU 963-33	drlg rpts/wcr	4304738961	09/14/2007
NBU 565-30E	drlg rpts/wcr	4304737533	09/20/2007
CWU 1328-32	drlg rpts/wcr	4304739301	09/27/2007
N Chapita 339-34	drlg rpts/wcr	4304738061	10/04/2007
NBU 562-19E	drlg rpts/wcr	4304737536	10/08/2007
CWU 1112-27	drlg rpts/wer	4304737384	10/09/2007
- · · ·	0 . Page		10/07/2007

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Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	VED
OMB No. 1004	0137
Expires: July 31	2010

Expires: July 3

<ol><li>Lease Serial No</li></ol>
UTU56960

Do not use this f		ORTS ON WELLS to drill or to re-enter ar APD) for such proposal		6. If Indian, Allottee or	Tribe Name
SUBMI	T IN TRIPLICATE - Other	r instructions on page 2.		7. If Unit of CA/Agreen	ment, Name and/or No.
1. Type of Well  Oil Well  Gas W	Vell Other			8. Well Name and No. Hoss 62-36	
2. Name of Operator EOG Resources, Inc.				9. API Well No. 43-047-38972	
3a. Address 600 17th Street, Suite 1000N Denver, CO 80202	:	3b. Phone No. (include area co 303-824-5526	de)	10. Field and Pool or E Natural Buttes/Wasa	• •
4. Location of Well (Footage, Sec., T., 2059' FSL & 1843' FWL (NESW) Sec. 36-T8S-R22E 40.077747 LAT 109.39123:		1)		11. Country or Parish, S Uintah County, Utah	
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO INDICATE NATUR	E OF NOTIC	E, REPORT OR OTHE	ER DATA
TYPE OF SUBMISSION		TY	PE OF ACT	ION	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat		uction (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	_ =	omplete porarily Abandon	Other Drilling operations
Final Abandonment Notice	Convert to Injection	Plug Back	Wate	er Disposal	· · · · · · · · · · · · · · · · · · ·
13. Describe Proposed or Completed Op the proposal is to deepen directions Attach the Bond under which the w following completion of the involv testing has been completed. Final determined that the site is ready for	ally or recomplete horizontal york will be performed or project operations. If the operations had bandonment Notices must	lly, give subsurface locations and ovide the Bond No. on file with I ion results in a multiple completion	measured ar BLM/BIA. R on or recomp	nd true vertical depths of Required subsequent repo- pletion in a new interval,	f all pertinent markers and zones. orts must be filed within 30 days a Form 3160-4 must be filed once

Completion operations have begun on the subject well. Pending further evaluation, completion is expected to be finished in the first quarter of 2008.

I hereby certify that the foregoing is true and correct.     Name (Printed/Typed)  Mary A. Maestas	Title Regulatory Assi	stant
Signature Mary a. Maule	Date 03/11/2008	
THIS SPACE FOR FEDE	RAL OR STATE O	OFFICE USE
Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or of that the applicant holds legal or equitable title to those rights in the subject lease which we entitle the applicant to conduct operations thereon.		RECEIVED
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p	erson knowingly and willfu	illy to make to any department or agency of the United States any false,
fictitious or fraudulent statements or representations as to any matter within its jurisdiction	on.	MAR 1 2 2008

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2016

SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill or to re-enter an	
abandoned well . Use form 3160-3 (APD) for such proposals	Ł

5. Lease Serial No. UTU56960

	NOTICES AND REPOR				01030900	
Do not use the abandoned we	6. If Indian, Allottee of	r Tribe Name				
SUBMIT IN TRI	PLICATE - Other instruc	ctions on rev	erse side.		7. If Unit or CA/Agree	ement, Name and/or No.
1. Type of Well Gas Well Ott	ner				8. Well Name and No. HOSS 62-36	
2. Name of Operator EOG RESOURCES INC	-	9. API Well No. 43-047-38972				
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	000N	3b. Phone No. Ph: 303-82	(include area code 4-5526	e)	10. Field and Pool, or NATURAL BUT	Exploratory TES/WASATCH/MV
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	1)			11. County or Parish,	and State
Sec 36 T8S R22E NESW 205 40.07775 N Lat, 109.39123 W					UINTAH COUN	TY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION	and the same of th		ТҮРЕ О	F ACTION		
☐ Notice of Intent	☐ Acidize	□ Deep	en	□ Product	ion (Start/Resume)	■ Water Shut-Off
_	☐ Alter Casing	☐ Fract	ure Treat	□ Reclam	ation	■ Well Integrity
Subsequent Report	☐ Casing Repair	☐ New	Construction	☐ Recomp	olete	Other
☐ Final Abandonment Notice	☐ Change Plans	Plug	and Abandon	□ Tempor	arily Abandon	Production Start-up
	☐ Convert to Injection	Plug	Back	■ Water I	Disposal	
Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for f The referenced well was turne report for drilling and completi	deperations. If the operation respondent Notices shall be file final inspection.)  ed to sales on 3/18/2008. on operations performed	sults in a multiple ed only after all r	e completion or recequirements, inclu-	completion in a reding reclamation	new interval, a Form 316 n, have been completed,	0-4 shall be filed once
14. I hereby certify that the foregoing is	Electronic Submission #	#59159 verified RESOURCES	by the BLM We NC, sent to the	II Information Vernal	System	
Name(Printed/Typed) MARY A.	MAESTAS		Title REGU	LATORY AS	SISTANT	
Signature METectronic	Sulmission) Maula-		Date 03/19/2	2008		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE	
Approved By			Title			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or eqwhich would entitle the applicant to conditions.	uitable title to those rights in the		Office			
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any ne	rson knowingly an	d willfully to m	ake to any denartment or	agency of the United

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### WELL CHRONOLOGY REPORT

Report Generated On: 03-19-2008

					ener atec							
Well Name	НО	SS 062-36		Well Type	DE	VG		Division		DENVER	₹	
Field	PO	NDEROSA		API#	43-	047-38972		Well Clas	ss	1SA		
County, State	UIN	NTAH, UT		Spud Date	11-	18-2007		Class Da	te	03-18-2	008	
Tax Credit N Water Depth 0				TVD / MD		10,000/ 10,000		Property #		060144		
				Last CSG	0.0			Shoe TVD / MD		0/0		
KB / GL Elev	4,85	54/ 4,841										
Location	Sec	Section 36, T8S, R22E, NESW, 2059 FSL & 1843 FWL									_	
Event No	1.0		·	Description	DR	ILL & COMPLE	ETE					
Operator	EO	G RESOURC	ES, INC	WI %	100	.0		NRI %		67.188		
AFE No		304337		AFE Total		2,269,300		DHC/0	CWC	1,078	,900/ 1,190,400	
Rig Contr	ELE	NBURG	Rig Name	ELENB	URG #28	Start Date	03-	-15-2007	Release	Date	11-29-2007	
03-15-2007	Re	eported By	SH	ARON CAUDII	LL							
DailyCosts: 1	Drilling	\$0		Com	pletion	\$0		Dail	y Total	\$0		
Cum Costs: 1	Drilling	\$0		Com	pletion	\$0		Well	Total	\$0		
MD	0	TVD	0	Progress	0	Days	0	$\mathbf{MW}$	0.0	Visc	0.0	
Formation:			<b>PBTD</b> : 0.0	0.0 <b>Perf</b> :			PKR			<b>Depth:</b> 0.0		
Activity at R	eport Ti	me: LOCATI	ON DATA									
Start E	nd	Hrs Ac	tivity Descr	iption								
06:00	06:00	24.0 LO	CATION DA	TA (TD CHANG	GE (SUNE	ORY 3/12/07))						
		203	59' FSL & 18	43' FWL (NE/S'	W)							
		SE	CTION 36, T	8S, R22E								

ELENBURG #28

OBJECTIVE: 10,000' TD, MESAVERDE

DW/GAS

PONDEROSA PROSPECT

DD&A: CHAPITA DEEP WELLS

PONDEROSA FIELD

LEASE: UTU-56960

ELEVATION:  $4842.0^{\circ}$  NAT GL,  $4841.2^{\circ}$  PREP GL (DUE TO ROUNDING THE PREP GL WILL BE  $4841^{\circ}$ ),  $4854^{\circ}$  KB

(13')

EOG WI 100%, NRI 67.1875%

08–16–2007 Reported By TERRY CSERE

Daily Costs: Drilling \$38,000 Completion \$0 Daily Total \$38,000

<b>Cum Costs: Drilling</b>	\$38,000	Completion	<b>1</b> \$0		Well T	otal	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	<b>PBTD</b> : 0.	0	Perf:			PKR Dep	oth: 0.0	
Activity at Report Tir	ne: BUILD LOCATION							
Start End	Hrs Activity Descr	ription						
06:00 06:00	24.0 LOCATION STA	ARTED.						·····
08-17-2007 Re	ported By TE	RRY CSERE						
DailyCosts: Drilling	\$0	Completion	<b>s</b> 0		Daily T	<b>l</b> otal	\$0	
<b>Cum Costs: Drilling</b>	\$38,000	Completion	<b>1</b> \$0		Well T	otal	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	<b>PBTD</b> : 0.	0	Perf:			PKR Dep	oth: 0.0	
Activity at Report Tir	ne: BUILD LOCATION							
Start End	Hrs Activity Descr	ription						
06:00 06:00	24.0 PUSHING OUT	ROAD.						
08-20-2007 Re	ported By TE	RRY CSERE						
DailyCosts: Drilling	<b>\$</b> 0	Completion	<b>1</b> \$0		Daily T	<b>Total</b>	\$0	
<b>Cum Costs: Drilling</b>	\$38,000	Completion	<b>1</b> \$0		Well T	otal	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	<b>PBTD</b> : 0.	<del>-</del>	Perf:			PKR Dep	oth: 0.0	
Activity at Report Tir	ne: BUILD LOCATION							
Start End	Hrs Activity Descr	ription						
06:00 06:00	24.0 LOCATION IS	20% COMPLETE.						
08-21-2007 Re	eported By TE	RRY CSERE						
DailyCosts: Drilling	\$0	Completion	<b>1</b> \$0		Daily T	<b>Fotal</b>	\$0	
<b>Cum Costs: Drilling</b>	\$38,000	Completion	<b>1</b> \$0		Well T	otal	\$38,000	
<b>MID</b> 0	<b>TVD</b> 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	<b>PBTD</b> : 0.	0	Perf:			PKR Dep	<b>eth:</b> 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descr	ription						
06:00 06:00	24.0 LOCATION IS	30% COMPLETE.						
*******		RRY CSERE		the contraction of the contracti			<u> </u>	
*****		~~~	n \$0		Daily 7	<b>Cotal</b>	\$0	
08-22-2007 Re	eported By TE	ERRY CSERE			Daily T		\$0 \$38,000	
08-22-2007 Re DailyCosts: Drilling	sported By TE	ERRY CSERE  Completion		0	•			0.0
08-22-2007 Re DailyCosts: Drilling Cum Costs: Drilling	\$0 \$38,000	Completion Completion Completion Progress 0	n \$0	0	Well T	otal	\$38,000 <b>Visc</b>	0.0
08-22-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0	\$0 \$38,000 \$38,000 <b>TVD</b> 0 <b>PBTD</b> : 0.	Completion Completion Completion Progress 0	n \$0  Days	0	Well T	otal 0.0	\$38,000 <b>Visc</b>	0.0
08–22–2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	\$0 \$38,000 \$38,000 <b>TVD</b> 0 <b>PBTD</b> : 0.	Completion Completion Progress 0	n \$0  Days	0	Well T	otal 0.0	\$38,000 <b>Visc</b>	0.0
08–22–2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Time	\$0 \$38,000 TVD 0 PBTD: 0.	Completion Completion Progress 0 0	n \$0  Days	0	Well T	otal 0.0	\$38,000 <b>Visc</b>	0.0
08–22–2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00	\$0 \$38,000  TVD 0 PBTD: 0. me: BUILD LOCATION  Hrs Activity Desc. 24.0 LOCATION IS	Completion Completion Progress 0 0	n \$0  Days	0	Well T	otal 0.0	\$38,000 <b>Visc</b>	0.0

Cum Costs: Drillin	<b>s</b> \$38,000	Com	pletion	\$0		Well '	Total	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	: 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Report	Time: BUILD LOCATI	ON							
Start End	Hrs Activity I	Description						•	
06:00 06:00	24.0 PAD COM	PLETE. PUSHING C	OUT PIT.						
08-24-2007	Reported By	TERRY CSERE							
DailyCosts: Drilli	<b>g</b> \$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilli	<b>s</b> \$38,000	Com	pletion	\$0		Well '	Total	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Report	Time: BUILD LOCATI	ON							
Start End	Hrs Activity I	Description							
06:00 06:00	24.0 PUSHING	OUT PIT.							
08-27-2007	Reported By	TERRY CSERE							
DailyCosts: Drilli	<b>g</b> \$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilli	<b>s</b> \$38,000	Com	pletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTI	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report	Time: BUILD LOCATI	ON							
Start End	Hrs Activity I	Description							
06:00 06:00	24.0 PUSHING	OUT PIT.							
08-28-2007	Reported By	TERRY CSERE							
DailyCosts: Drilli	<b>g</b> \$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilli	<b>ng</b> \$38,000	Com	pletion	\$0		Well '	Total	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTI	<b>)</b> : 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report	Time: BUILD LOCATI	ION							
Start End	Hrs Activity I	Description							
06:00 06:00	24.0 LINE TOD	AY.							
08-29-2007	Reported By	TERRY CSERE							
DailyCosts: Drilli	<b>ng</b> \$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilli	<b>ng</b> \$38,000	Com	pletion	\$0		Well	Total	\$38,000	
<b>MD</b> 40	<b>TVD</b> 40	Progress	0	Days	0	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation :	PBTI	<b>):</b> 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
· villauvii •	Time: WO AIR RIG						•		
	Hrs Activity I	Description							
Activity at Report	24.0 ROCKY M CEMENT	<b>Description</b> IOUNTAIN DRILLIN TO SURFACE WITH LEE W/BLM OF TH	I READY	MIX. JERRY I	BARNES N				

DailyCosts:	Drilling	\$21	3,152	Com	pletion	\$0		Daily	Total	\$213,152	
Cum Costs:	Drilling	\$25	1,152	Com	pletion	\$0		Well 7	<b>Total</b>	\$251,152	
MD	2,732	TVD	2,732	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	:		<b>PBTD</b> : 0.	.0		Perf:			PKR Der	oth: 0.0	

Activity at Report Time: WORT

06:00

06:00

Start	End	Hrs	Activity	Description
-------	-----	-----	----------	-------------

24.0 MIRU CRAIG'S AIR RIG #2 ON 8/30/2007. DRILLED 12–1/4" HOLE TO 2790' GL. ENCOUNTERED WATER @ 740'. RAN 63 JTS (2720.15') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2732' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 210 BBLS FRESH WATER & 40 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 250 SX (170 BBLS) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/ SX GILSONITE, 3#/ SX GR-3, 3% SALT & ¼ #/ SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAILED IN W/200 SX (40.9 BBLS) OF PREMIUM CEMENT W/2% CACL2 &  $\frac{1}{4}$  #/ SX FLOCELE. MIXED TAIL CEMENT TO 15.8 PPG W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/206.8 BBLS FRESH WATER. BUMPED PLUG W/900#

@ 2:04 PM, 9/5/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 125 SX (20.6 BBLS) OF PREMIUM CEMENT W/2% CACL2 &  $\frac{1}{4}$  SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HRS 35 MINUTES.

TOP JOB # 2: MIXED & PUMPED 125 SX (20.6 BBLS) OF PREMIUM CEMENT W/2% CACL2 &  $\frac{1}{4}$ #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO PRO PETRO CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

RAN SURVEY @ 2547', 1 DEGREE. TAGGED @ 2567'.

LESTER FARNSWORTH NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 9/3/2007 @ 5:30 PM.

11-15-20	07 Re	ported I	3 <b>y</b> JC	HN JULIAN/ G	ARY HAF	RVEY					
DailyCost	s: Drilling	\$5	57,057	Com	pletion	\$0		Dail	y Total	\$57,057	
Cum Cos	ts: Drilling	\$2	251,152	Com	pletion	\$0		Well	Total	\$251,152	
MD	2,732	TVD	2,732	Progress	0	Days	0	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: CHA	NGING OUT V	ALVES ON CHO	OKE MAN	IIFOLD					
Start	End	Hrs	Activity Desc	ription							
06:00	08:00	2.0	RDMO, KURH	TRKING ON L	OC, TAIL	GATE SFTY	MTG WITH	ALL ON LO	C, START TO	MOVE RIG	
08:00	18:00	10.0	*	RIG, DERRICK FRICAL AND H			SET MUD	IANKS, ANI	O PUMPS, RE	ELEASED TRE	S AT 1630,
18:00	22:00	4.0	CONT RIGGIN	NG UP,							
22:00	00:00	2.0	NIPPLE UP, SE	ET BOP ON WE	LHEAD W	/ITH FMC					
00:00	02:00	2.0	NIPPLE UP BO	)P							

02:00 06:00	4.0 START CHAN	GING OUT VALVES ON M	MANIFOLD, A	AND RIG UI	P NEW MA	NIFOLD		
	NO ACCIDEN	TS						
	FULL CREWS	3						
	SFTY MTG M	OVING RIG, RIGGING U	P					
	MOVE FROM	HOSS 38-30 TO HOSS 62	-36 2.7 MILE	S				
	TRANSFEREI	0 4880 GALL FUEL TO H	OSS 62-36					
	NOTIFIED JAI	MIE SPARGER WITH BL	M, OF BOP TE	ST 1830 H	RS 11/14/200	)6		
	SHOULD BE	TESTING BOP LATE THI	S AFTERNOC	N				
11-16-2007 R	eported By JO	OHN JULIAN						
DailyCosts: Drilling	\$22,750	Completion	\$0		Dail	y Total	\$22,750	
<b>Cum Costs: Drilling</b>	\$273,902	Completion	\$0		Well	Total	\$273,902	
<b>MID</b> 2,732	<b>TVD</b> 2,732	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD:	0.0	Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: RURT							
Start End	Hrs Activity Desc	cription						
06:00 06:00	24.0 TAKE APART	OLD CHOKE MANIFOLI	O, TAKE OUT	RENTAL V	/ALVES AN	D MODIFY 1	MANIFOLD,	
		TESTING THIS AFTERNO						
	NO ACCIDEN	TS						
	FULL CREWS	S						
	SFTY MTG G	RINDERS ANDHAMMER	WRENCHES					
	FUEL USED 2	220 GAL ON HAND 4620						
	RIGGED UP N	MUD LOGGER , JEFFERY	BROCK ON I	LOC 1 DAY				
11-17-2007 R		MUD LOGGER , JEFFERY OHN JULIAN	BROCK ON I	LOC 1 DAY				
11-17-2007 R DailyCosts: Drilling			BROCK ON I	LOC 1 DAY	Dail	y Total	\$37,906	
	eported By Jo	OHN JULIAN		LOC 1 DAY		y Total Total	\$37,906 \$311,808	
DailyCosts: Drilling	eported By J0 \$37,906	OHN JULIAN  Completion  Completion	\$0 \$0	LOC 1 DAY		-		0.0
DailyCosts: Drilling Cum Costs: Drilling	\$37,906 \$311,808	Completion Completion Progress 0	\$0		Well	Total 0.0	\$311,808 <b>Visc</b>	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 2,732 Formation:	\$37,906 \$311,808 TVD 2,732 PBTD : 0	Completion Completion Progress 0	\$0 \$0 <b>Days</b>		Well	Total	\$311,808 <b>Visc</b>	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 2,732 Formation: Activity at Report To	\$37,906 \$311,808 TVD 2,732 PBTD : 6	Completion Completion Progress 0 0.0	\$0 \$0 <b>Days</b>		Well	Total 0.0	\$311,808 <b>Visc</b>	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To	\$37,906 \$311,808 TVD 2,732 PBTD : 0 ime: TEST BOP Hrs Activity Desc	Completion Completion Progress 0 0.0 cription	\$0 \$0 <b>Days</b> <b>Perf</b> :	0	Weli MW	O.O PKR De	\$311,808 <b>Visc</b>	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To Start End 06:00 18:00	\$37,906 \$311,808 TVD 2,732 PBTD : 0 ime: TEST BOP Hrs Activity Desc 12.0 REBUILD CH	OHN JULIAN  Completion  Completion  Progress  0.0  cription  OKE MANIFOLD, HAD T	\$0 \$0 Days Perf:	0	Weli MW	O.O PKR De	\$311,808 <b>Visc</b>	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To Start End 06:00 18:00 18:00 02:00	\$37,906 \$311,808 TVD 2,732 PBTD : 6 ime: TEST BOP Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W	COHN JULIAN  Completion  Completion  Progress  0.0  cription  OKE MANIFOLD, HAD TORKING ON CHOKE MAN	\$0 \$0 <b>Days</b> <b>Perf:</b> O CHANGE C	0 OUT 12 VAL	Weli MW .ves and 1	O.O PKR De	\$311,808 Visc pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To Start End 06:00 18:00	\$37,906 \$311,808 TVD 2,732 PBTD : 6 ime: TEST BOP Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W	Completion Completion Progress  0.0  cription OKE MANIFOLD, HAD TOTAL	\$0 \$0 <b>Days</b> <b>Perf:</b> O CHANGE C	0 OUT 12 VAL	Weli MW .ves and 1	O.O PKR De	\$311,808 Visc pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To Start End 06:00 18:00 18:00 02:00	\$37,906 \$311,808 TVD 2,732 PBTD : 0 ime: TEST BOP Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W 4.0 ************************************	Completion Completion Progress  0.0  cription OKE MANIFOLD, HAD TOWNER ON CHOKE MANIFOLD AND CHOKE MANIFOLD. CART DAYWORK AY 02:00 VILINE.	\$0 \$0 <b>Days</b> <b>Perf:</b> O CHANGE C	0 OUT 12 VAL	Weli MW .ves and 1	O.O PKR De	\$311,808 Visc pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To Start End 06:00 18:00 18:00 02:00	\$37,906 \$311,808 TVD 2,732 PBTD: 0 ime: TEST BOP Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W 4.0 ************************************	Completion Completion Progress  0.00  cription OKE MANIFOLD, HAD TOWNERING ON CHOKE MANIFOLD TART DAYWORK AY 02:00 V LINE.  TEST BOP.	\$0 \$0 <b>Days</b> <b>Perf:</b> O CHANGE C	0 OUT 12 VAL	Weli MW .ves and 1	O.O PKR De	\$311,808 Visc pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To Start End 06:00 18:00 18:00 02:00	\$37,906 \$311,808 TVD 2,732 PBTD: 0 ime: TEST BOP Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W 4.0 ************************************	Completion Completion Progress  0.00  cription OKE MANIFOLD, HAD TO VIKKING ON CHOKE MANIFORM AY 02:00 VILINE.  TEST BOP.	\$0 \$0 <b>Days</b> <b>Perf:</b> O CHANGE C	0 OUT 12 VAL	Weli MW .ves and 1	O.O PKR De	\$311,808 Visc pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To Start End 06:00 18:00 18:00 02:00	\$37,906 \$311,808  TVD 2,732  PBTD: 0  ime: TEST BOP  Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W 4.0 ***********ST LINES, FLOW  PREPARE TO NO ACCIDEN FULL CREWS	Completion Completion Progress  0.00  cription OKE MANIFOLD, HAD TO VIKKING ON CHOKE MANIFORM AY 02:00 VILINE.  TEST BOP.	\$0 \$0 <b>Days</b> <b>Perf:</b> O CHANGE C	0 OUT 12 VAL	Weli MW .ves and 1	O.O PKR De	\$311,808 Visc pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To Start End 06:00 18:00 18:00 02:00	\$37,906 \$311,808  TVD 2,732  PBTD: 0  ime: TEST BOP  Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W 4.0 *********ST LINES, FLOW  PREPARE TO NO ACCIDEN FULL CREWS FUEL USED 2	Completion Completion Progress  0 0.0  cription OKE MANIFOLD, HAD TOWNER ON CHOKE MANIFOLD, HAD TOWNER AY 02:00 V LINE.  TEST BOP. ITS	\$0 \$0  Days Perf:  O CHANGE CONIFOLD, 0 11/17/2007**	0 OUT 12 VAL	Weli MW .ves and 1	O.O PKR De	\$311,808 Visc pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732 Formation: Activity at Report Ti Start End 06:00 18:00 18:00 02:00 02:00 06:00	\$37,906 \$311,808  TVD 2,732  PBTD: ( ime: TEST BOP  Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W 4.0 ************************************	Completion Completion Progress 0 0.0  cription OKE MANIFOLD, HAD TOWNER MANIFOLD, HAD TOWNER MANIFOLD TEST BOP. ITS 5 200, ON HAND 9100	\$0 \$0  Days Perf:  O CHANGE CONIFOLD, 0 11/17/2007**	0 OUT 12 VAL	Weli MW .ves and 1	O.O PKR De	\$311,808 Visc pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732  Formation: Activity at Report To Start End 06:00 18:00 18:00 02:00 02:00 06:00	\$37,906 \$311,808  TVD 2,732  PBTD: ( ime: TEST BOP  Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W 4.0 ************************************	Completion Completion Progress  0 0.0  cription OKE MANIFOLD, HAD TOWNER ON CHOKE MANIFOLD, HAD TOWNER AY 02:00 VILINE.  TEST BOP. ITS S 200, ON HAND 9100 IR JEFFERY BROCK ON L	\$0 \$0  Days Perf:  O CHANGE CONIFOLD, 0 11/17/2007**	0 OUT 12 VAL	Well MW  VES AND 1  BOP. CALL	O.O PKR De	\$311,808 Visc pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732 Formation: Activity at Report Tr Start End 06:00 18:00 18:00 02:00 02:00 06:00	s37,906 \$311,808  TVD 2,732  PBTD: 0  ime: TEST BOP  Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W 4.0 *********ST LINES, FLOW  PREPARE TO NO ACCIDEN FULL CREWS FUEL USED 2 MUD LOGGE  eported By  JO  137,906  137,906  147,907  157,907	Completion Completion Progress 0 0.0  Cription OKE MANIFOLD, HAD TOWNER MANIFOLD, HAD TOWNER MANIFOLD AND THE STREET BOP. TEST BOP.	\$0 \$0 Days Perf: CO CHANGE CONIFOLD, 0 11/17/2007**	0 OUT 12 VAL	Well MW  VES AND 1  BOP. CALL	O.0  PKR Depterment of the second of the sec	\$311,808  Visc  pth: 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 2,732 Formation: Activity at Report To Start End 06:00 18:00 18:00 02:00 02:00 06:00  11-18-2007 R DailyCosts: Drilling	\$37,906 \$311,808  TVD 2,732  PBTD: ( ime: TEST BOP  Hrs Activity Desc 12.0 REBUILD CH 8.0 CONTINUE W 4.0 ************************************	Completion Completion Progress 0 0.0  cription OKE MANIFOLD, HAD TOWNER MANIFOLD, HAD TOWNER AY 02:00 VILINE.  TEST BOP. ITS S 200, ON HAND 9100 IR JEFFERY BROCK ON LOTHING OT LINE.  Completion	\$0 \$0 Days Perf:  O CHANGE CONIFOLD, 0 11/17/2007**	0 OUT 12 VAL	Well MW  VES AND 1  BOP. CALL	O.O PKR De  A FLANGES BOP TESTER	\$311,808 Visc pth: 0.0	

**PBTD**: 0.0 Formation: Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING Start End Hrs **Activity Description** 6.5 TEST BOPS/DIVERTER, TEST BOP, 250 LOW, 5000 HI, PIPE RAMS, BLIND RAMS ALL VALVES, MANIFOLD 06:00 12:30 CHOKE AND KILL LINE, TESTED ANNULAR TO 2500, HI, 250 LOW, TEST CSG TO 2500# MANIFOLD AND CHOKE LINES FILLED WITH NON FREEZING FLUID, B &C QUICK TEST TESTED, TESTER WAS JESUS PERA 12:30 13:00 0.5 OTHER, INSTALL WEAR RING 13:00 15:30 2.5 DUMP FLUID IN MUD TANKS AS PER MUD ENG AND GERALD ASHCRAFT, HARDNESS TO HIGH, FILL MUD TANKS FROM RESERVE PIT 15:30 18:00 2.5 PICK UP BIT, MM, AND BHA 18:00 20:00 2.0 CONTINUE TO PU BHA AND DP TIH TO 2000' 20:00 21:30 1.5 SLIP & CUT DRILL LINE 21:30 2.0 RIG REPAIR, WRK ON BRAKES 23:30 23:30 00:00 0.5 TIH TO 2500, INSTALL ROTATING HEAD RUBBER 00:00 2.5 DRILL CEMENT/FLOAT EQUIP., , TAG CMT AND STRINGERS AT 2550, SOLID CMT AT 2670, DRILL CMT FLOAT 02:30 COLLAR AND SHOE, \*\*\* SPUD HOSS 62-36 @ 0230 AM 18 NOV 2007\*\*\*\*\* 02:30 03:00 0.5 PRESSURE/INJECT./LOT/FIT, SPOTTED HI VIS PILL, FITTEST, 333 # BLED BACK TO 275 IN 15 MIN, 11.01 EMW 03:00 06:00 3.0 DRILL ROTATE, 2732-3087, WOB, 6-15, RPM 38-61, SPP 1260, ROP 118.3 FPH, MUD WT 8.6, VIS 29 NO ACCIDENT **FULL CREWS** COM CK 1 SFTY MTG TIH, PICK UP BHA FUEL USED 560, ON HAND 8540 **BACKGROUND GAS 67** CONN GAS 186 HI FORMATION GAS 1798 @ 2892 LITHOLOGY SANDSTONE 50%, SHALE 40%, LIMESTONE 10% **GREEN RIVER TOP 2113** NO SHOWS MUD LOGGER JEFFERY BROCK ON LOC 3 DAYS 11-19-2007 Reported By JOHN JULIAN DailyCosts: Drilling \$28,228 Completion \$0 **Daily Total** \$28,228 \$370,385 \$370,385 Well Total **Cum Costs: Drilling** Completion \$0 2 9.0 29.0 MD 4,764 TVD 4,764 **Progress** 1,677 **Days** MW Visc Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING Start End **Activity Description** 06:00 09:00 3.0 DRILL ROTATE, 3087-3405, WOB, 14-18, RPM 40-60, SPP 1270, ROP 106FPH, MUD WT 9.0, VIS 30 09:00 0.5 SURVEY @3400, MISSRUN 09:30

09:30

11:30

12:00

16:00

11:30

12:00

16:00

16:30

0.5 SURVEY @ 3535 .5DEG

0.5 SERVICE RIG

2.0 DRILL ROTATE 3405-3541, WOB 16-20, RPM, 40-60, SPP 1280, ROP 68.0 FPH, MUD WT 9.1, VIS 31

4.0 DRILL ROTATE 3541-3993 RPM 40-60, WOB 16-18, SPP 1300, ROP 113FPH, MUD WT 9.1, VIS 32

16:30	18:00	1.5 DRILL ROTATE 3993-4084 WOB 12-18, RPM 40-60, SPP 1300, MUD WT 9.2, VIS 32
18:00	18:30	0.5 SURVEY @ 4039,1 DEG
18:30	22:30	4.0 DRILL ROTATE 4084-4462 WOB 12-18, RPM 40-60, SPP 1325, ROP 94.5 FPH MUD WT 9.2, VIS 31
22:30	23:00	0.5 RIG REPAIR, TOP DRIVE
23:00	01:00	2.0 DRILL ROTATE 4462–4620 WOB 12–18, RPM 40–60, SPP 1350, ROP 79.0 FPH MUD WT 9.2, VIS 32
01:00	04:30	3.5 RIG REPAIR, REPLACE HYD PUMP ON TOP DRIVE
04:30	06:00	1.5 DRILL ROTATE 4620-4764 WOB 12-18, RPM 40-60, SPP 1350, ROP 96.0 FPH MUD WT 9.2, VIS 32.

NO ACCIDENTS

**BOTH CREWS FULL** 

COM CK X2

BOTH CREWS BOP DRILLS

FUEL USED 610 ON HAND 5930

BACKGROUND GAS 245, CONN GAS 1048, HIGH FOR GAS 5331

LIHOLOGY SHALE 60%, SANDSTONE 39%, LIMESTONE 10%

SHOWS

2878-3049 NO FLARE 102/3492/1598 8.8/8.9

3107-3218 NO FLARE 1920/3209/1310 8.8/8.8

3382-3480 NO FLARE 477/4307/1499 9.0/9.0

3549-3566 NO FLARE 668/2442/601 9.0/9.0

3641-3661 NO FLARE 648/2720/418 9.1/9.1

3826-3845 NO FLARE 184/1152/257 9.1/9.1

4055-4069 NO FLARE 379/5331/181 9.2/9.2

4317-4335 NO FLARE 620/1592/540 9.3/9.3

MUD LOGGER JEFFERY BROCK ON LOC 4 DAYS

11-20-2007	Re	ported By	JC	HN JULIAN							
DailyCosts: I	rilling	\$29	,460	Con	npletion	\$0		Daily	Total	\$29,460	
Cum Costs: I	Prilling	\$39	9,846	Con	npletion	\$0		Well 7	<b>Fotal</b>	\$399,846	
MD	6,304	TVD	6,304	Progress	1,540	Days	3	$\mathbf{MW}$	9.2	Visc	35.0
Formation:			<b>PBTD</b> : 0	.0		Perf:			PKR Der	oth: 0.0	

Activity at Report Time: DRILLING

Activity a	t Report Ti	me: DRII	LLING
Start	End	Hrs	Activity Description
06:00	15:30	9.5	DRILL ROTATE, 4764–5352, WOB 14–19, RPM 0–60, SPP1460, ROP 61.89, MUD WT 9.2, VIS 35
15:30	16:00	0.5	SERVICE RIG
16:00	16:30	0.5	RIG REPAIR, BOLT SADDLE CLAMP BACK TOGETHER ON SWIVEL
16:30	18:00	1.5	DRILL ROTATE, 5352-5443, WOB 16-20. RPM 45-60, SPP 1550, ROP
18:00	06:00	12.0	DRILL ROTATE 5443 – 6304 WOB 14–20, RPM 45–60, SPP 1650, ROP 71.75 MUD WT 9.3, VIS 37
			NO ACCIDENTS
			FULL CREWS,
			SFTY MTG, MIXING MUD, PICKING UP PIPE
			COM CK X2,
			FUEL ON USED 605.ON HAND 5025
			BACKGROUND GAS 68, CONN 215, HI FORM GAS 9043@ 5761
			LITHOLOGY 50% SHALE, 30% RED SHALE, 20% SANDSTONE
			SHOWS

		5052-50	79 NO FLARI	E 373/1171/231	9.2/9.2					
		5677–56	93 NO FLARI	E 263/3689/106	9.2/9.3					
		5750–57	95 NO FLARI	E 309/9043/863	9.2/9.2					
11-21-20	007 Re	ported By	JOHN JULI	IAN						
DailyCos	ts: Drilling	\$37,417		Completion	\$0		Daily	y Total	\$37,417	
Cum Cos	ts: Drilling	\$437 <b>,2</b> 64		Completion	\$0		_	Total	\$437,264	
MD	7,348	<b>TVD</b> 7	,348 Progre	ess 1,044	Days	4	MW	9.4	Visc	39.0
Formatio	n:	PBT	Γ <b>D</b> : 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	at Report Ti	me: DRILLING								
Start	End	Hrs Activity	Description							
06:00	18:00	12.0 DRILL F	COTATE, 6304-6	6894, WOB 14-1	9, <b>RPM</b> 40–58	s, SPP 1475-	-160, ROP 49	9.16, MUD W	T 9.3, VIS 33	
18:00	06:00	12.0 DRILL F	OTATE 6894-7	348, WOB 13-20	, RPM 40-60,	SPP 1700,	ROP 37.83, N	иUD WT 9.3	, VIS 33	
		NO ACC	CIDENTS							
		FULL C	REWS							
		COM X	2							
		FUEL U	SED 610, ON LO	OC 4420						
		BACKG	ROUND GAS 11	13, CONN GAS 3	14, HIGH FO	RM. GAS 4	078			
		LITHOL	OGY							
		SHALE?	70%							
		SANDST	TONE 20%							
		SILTSTO	ONE 10%							
		SHOWS								
		6419–64	50 NO FLARE	E 138/4078/176	9.4/9.3					
		6470–64	80 NO FLARE	E 187/615/460	9.4/9.3					
		6594–66	12 NO FLARE	E 147/521/133	9.3/9.3					
		6685–66	96 NO FLARI	E 338/1291/326	9.4/9.4					
		693069	34 NO FLARI	E 151/531/256	9.3/9.3					
		TOPS W	ASATACH 5110	, CHAPITA WEL	LS 5732, BUG	CK CANYO	ON 6369, NO	RTH HORN	7087	
11-22-20	007 Re	ported By	JOHN JULI	AN						
DailyCos	ts: Drilling	\$52,915		Completion	\$0		Daily	y Total	\$52,915	
Cum Cos	ts: Drilling	\$490,179		Completion	\$0		Well	Total	\$490,179	
MD	7,484	<b>TVD</b> 7	,484 Progre	ess 136	Days	5	MW	9.6	Visc	33.0
Formatio	n:	PBT	<b>FD</b> : 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	at Report Ti	me: WASH TO BC	ттом							
Start	End	Hrs Activity	y Description							
06:00	09:30	3.5 DRILL F	ROTATE, 7348-	7484, WOB 16-2	0, <b>RPM</b> 38–50	, SPP 1780	, ROP-38.85,	MUD WT 9.	5-9.8, VIS 33	
09:30	10:30	1.0 CIRCUL	.ATE BTMS UP	, PUMP PILL TO	OH					
10:30	20:00	9.5 TRIP OU	JT OF HOLE FO	OR BIT						
20:00	20:30	0.5 PICK UI	P NEW MUD M	TR, MAKE UP B	TI					
20:30	21:30	1.0 TRIP IN	HOLE TO 2700	)						
21:30	22:00	0.5 INSTAL	L ROTATING H	EAD RUBBER, I	FILL PIPE					
22:00	02:30	4.5 TIH ,PU HOLE	T NEW HARD	BAND PIPE ON	TOP OF BHA	, TO 6100, 0	CIRC BTM U	IP TO GET P.	ART OF PILL C	OUT OF
02:30	05:00	2.5 TIH								
02:30	05:00	2.5 TIH		p.	age 8				resident to 12 to 12	

Property: 060144

05:00	06:00	1 O WASH TO DTM	•						
05:00 0	0.00	1.0 WASH TO BTM NO ACCIDENT							
			ა						
		FULL CREWS	ODI C AND TRIB						
			ORLG AND TRIP						
			0, ON HAND 10700	CAC AT 6100 11	10				
		,	ONN GAS 510 TRIP						
			7361 NO FLARE 1 JEFFERY BROCK (		.4				
11-23-2007	Ren		HN JULIAN	THEOR / DATS	<u> </u>				
DailyCosts: Dr	_	\$28,305	Completi	on \$0		Daily 1	l'otal	\$28,305	
Cum Costs: Di	_	\$518,485	Completi			Well T		\$518,485	
MD 8	3,287	<b>TVD</b> 8,287	Progress 80	3 Days	6	MW	9.7	Visc	33.0
Formation:		<b>PBTD</b> : 0.	0	Perf:			PKR Dej	oth: 0.0	
Activity at Rep	ort Tim	e: DRILLING							
Start Enc	_	Hrs Activity Descr	rintion						
	06:30		7460–7484, NO HAR	D FILL					
	07:00	•	E, 7484–7498, WOB		, SPP 1560, I	ROP 13.5, MUI	OWT 9.9. V	TS 35	
	07:30	0.5 SERVICE RIG	,	,	,	,	,		
07:30	10:30	3.0 RIG REPAIR, R	EBUILD SWIVEL P	ACKING, TIGTE	N BOLTS ON	TOP PLATE			
10:30	00:00	13.5 DRILL ROTATE	E 7498–8060, WOB 1	418000, RPM 4	0–55, SPP 18	50, ROP 41.62,	MUD WT	9.9, VIS 34	
00:00	06:00	6.0 DRILL ROTATE	E 8060–8287 WOB 12	2-18, RPM 50-60	, SPP 1870, I	ROP 37.83, MU	D WT 9.9,	VIS 33	
		NO ACCIDENT	,						
		DAYLIGHTS F	ULL, MORN TOUR	SHRT ONE HAN	D				
		SFTY MTG, WI	RKING ON SWIVEL	, 100% TIE OF, V	RKING ON	BOILER			
		COM CK X 2							
		FUEL USED 65	0 ON HAND 10050						
		BG GAS 427, C	ONN GAS 1283, HI	FORM GAS 3430					
		LITHOLOGY S	HALE 60%, SANDS	TONE 30%, SILT	STONE 10%				
		SHOWS							
			O FLARE 363/3516						
			O FLARE 292/2498						
			OFLARE 314/2478						
			OFLARE 317/1981						
		8132-8147 NO 8182-8193 NO		1/847 9.9/9.8 3/614 9.9/9.9.					
			JEFFER BROCK O						
11-24-2007	Ren		HN JULIAN	TEOC O DATE			×		
DailyCosts: Dr	-	\$30,358	Completi	on \$0		Daily 7	<b>Fotal</b>	\$30,358	
Cum Costs: Di	-	\$548,843	Completi			Well T		\$548,843	
MD 9	9,011	<b>TVD</b> 9,011	Progress 72	24 Days	7	MW	10.2	Visc	33.0
Formation:		<b>PBTD</b> : 0.	0	Perf:			PKR Dej	pth: 0.0	
Activity at Rep	port Tim	ie: DRILLING					•		
Start End		Hrs Activity Descr	ription						

10:30
18:00 20:30 2.5 DRILL ROTATE, 8785–8864, WPB 12–16, RPM 45–55, SPP 1775, ROP 31.6, MUD WT 10.2, VIS 33 20:30 00:00 3.5 RIG REPAIR, SWIVEL PACKING LEAKING, REPLACE SWIVEL PACKING 00:00 06:00 6.0 DRILL ROTATE 8864–9011, WOB 14–18, RPM 45–55, SPP 1820, ROP 14.5, MUD 10.2, VIS 33 NO ACCIDENTS DAYLIGHTS FULL CREW, MORN TOUR 1 SHORT SFTY MTG, IE PLUG, WRKING ON BOILER COM CK X 2 FUEL USED 725, ON LOC 9775
20:30 00:00 3.5 RIG REPAIR, SWIVEL PACKING LEAKING, REPLACE SWIVEL PACKING 00:00 06:00 6.0 DRILL ROTATE 8864–9011 ,WOB 14–18, RPM 45–55, SPP 1820, ROP 14.5, MUD 10.2, VIS 33 NO ACCIDENTS DAYLIGHTS FULL CREW, MORN TOUR 1 SHORT SFTY MTG, IE PLUG, WRKING ON BOILER COM CK X 2 FUEL USED 725, ON LOC 9775
00:00 06:00 6.0 DRILL ROTATE 8864–9011 ,WOB 14–18, RPM 45–55, SPP 1820, ROP 14.5, MUD 10.2, VIS 33  NO ACCIDENTS  DAYLIGHTS FULL CREW, MORN TOUR 1 SHORT  SFTY MTG, IE PLUG, WRKING ON BOILER  COM CK X 2  FUEL USED 725, ON LOC 9775
NO ACCIDENTS  DAYLIGHTS FULL CREW, MORN TOUR 1 SHORT  SFTY MTG, IE PLUG, WRKING ON BOILER  COM CK X 2  FUEL USED 725, ON LOC 9775
NO ACCIDENTS  DAYLIGHTS FULL CREW, MORN TOUR 1 SHORT  SFTY MTG, IE PLUG, WRKING ON BOILER  COM CK X 2  FUEL USED 725, ON LOC 9775
SFTY MTG, IE PLUG, WRKING ON BOILER COM CK X 2 FUEL USED 725, ON LOC 9775
COM CK X 2 FUEL USED 725, ON LOC 9775
FUEL USED 725, ON LOC 9775
BACK GROUND GAS 2550
CONN GAS 462
HI FORMM GAS 4608 @ 8950
LITHOLOGY
SANDSTONE 50%, SHALE 40%, SILTSTONE 10%
SHOWS
8244-8255 NO FLARE 495/1504/377 9.9/9.9
8302-8330 NO FLARE 395/1170/526 9.9/9.9
8340-8359 NO FLARE 365/3247/411 10/9.9
8390-8452 NO FLARE 778/3017/557 10/10
8477-8511 NO FLARE 630/3843/490 10.1/10.0
8756-8787 NO FLARE 777/2532/716 10.2/10.1
11–25–2007 Reported By JOHN JULIAN
Daily Costs: Drilling\$31,606Completion\$0Daily Total\$31,606
Cum Costs: Drilling \$580,449 Completion \$0 Well Total \$580,449
MD 9,374 TVD 9,374 Progress 363 Days 8 MW 10.2 Visc 32
Formation: PBTD: 0.0 Perf: PKR Depth: 0.0
Activity at Report Time: DRILLING
Start End Hrs Activity Description
06:00 18:00 12.0 DRILL ROTATE, 9011–9238 WOB 12–18, RPM 40–55, SPP 1800, ROP 18.91, MUD WT 10.2, VIS 33
18:00 06:00 12.0 DRILL ROTATE 9238–9374, WOB 11–22, RPM 45–55, SPP 1950, ROP 11.33, MUD WT 10.3, VIS 34
NO ACCIDENTS
FUL CREWS
COM CK X 2
SFTY MTG NEW HAND AND DRAINING LINES
FUEL USED 760, ON HAND 8805
BG GAS 312, CONN GAS 3897, HI FORM GAS 4549
LITHOLOGY,
SAND STNE 50%
CARB SHALE 30%
SILTSTONE 20%
SHOWS
9036–9054 NO FLARE 3083/3339/3055
9081–9097 NO FLARE 2687/3742/2917 Page 10

9266-9271 NO FLARE 3037/4018/2876 9300-9326 NO FLARE 3036/4549/3214

TOPS PRICE RIVER 7702, MIDDLE PRICE RIVER 8464, LWR PRICE RIVER 9263

11-26-20	07 Re	ported By	JO	HN JULIAN							
DailyCost	s: Drilling	\$27,83	31	Cor	npletion	\$0		Dail	y Total	\$27,831	
Cum Cost	ts: Drilling	\$608,2	281	Cor	npletion	\$0		Well	Total	\$608,281	
MD	9,488	TVD	9,488	Progress	114	Days	9	MW	10.5	Visc	32.0
Formation	n:		<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: TRIP IN I	HOLE								
Start	End	Hrs Act	ivity Desc	ription							
06:00	13:00	7.0 DRI	LL ROTAT	E 9374–9488, V	WOB 11-16	6, RPM 50-60	, SPP 1950,	ROP 16.28,	MUD WT 10.3	3-10.6, VIS 34	•
		INC	REASING	MUD WT TO 1	10.6, FOR 7	TRIP OUT OF	HOLE				
13:00	14:30	1.5 CIR	CULATE F	BTM UP, PUM	1P PILL						
14:30	03:00	12.5 TRI	P OUT HO	LE FOR BIT, F	IRST 10 ST	DS TIGHT, 1	2–18K OVE	ER.			
03:00	04:00	1.0 TRI	P, PU AND	MAKE UP NE	W BIT AN	D MUD MTR					
04:00	06:00	2.0 TRI	P IH HOLE	;							
		NO	ACCIDENT	Γ							
		FUI	LL CREWS								
		SFT	Y MTG TR	IPPING PIPE,	DRAINING	G LINES					
		COI	M CK X 2								
		FUE	EL USED 72	20 ON HAND 8	3085						
		BGG	G 2216 CO	NN GAS 2760	HI FORM	GAS 44452 @	9346				
			0 2210, 00.	1111 0210 2700,	III x Oldvi	011002 0					
				-9335 NOFLA							
		SHC	OWS 9338-		RE 3679					•	
		SHO LW	OWS 9338- R PRICE RI	-9335 NOFLA	RE 3679	0/4445/4215	ND ON LOC	11 DAYS			
11-27-20	007 Re	SHO LW	OWS 9338- R PRICE RI D LOGGEF	-9335 NOFLA IVER TOP 9263	RE 3679	0/4445/4215	ID ON LOC	11 DAYS		•	
	07 Re	SHO LWI MU	OWS 9338- R PRICE RI D LOGGEF JC	-9335 NOFLA IVER TOP 926 R JEFERY BRO DHN JULIAN	RE 3679	0/4445/4215	ND ON LOC		y Total	\$44,008	
DailyCost		SHO LWI MU eported By	OWS 9338- R PRICE RI D LOGGER JC	-9335 NOFLA IVER TOP 926: R JEFERY BRO OHN JULIAN Con	ARE 3679 3 OCK ON RI	0/4445/4215 GGED UP AN	ID ON LOC	Dail	y Total I Total	\$44,008 \$652,289	
DailyCost	ts: Drilling	SHO LWI MU eported By \$44,00	OWS 9338- R PRICE RI D LOGGER JC	-9335 NOFLA IVER TOP 926: R JEFERY BRO OHN JULIAN Con	ARE 3679 3 OCK ON RI mpletion	0/4445/4215 GGED UP AN \$0	ID ON LOC	Dail	<del>.</del>		33.0
DailyCost	ts: Drilling ts: Drilling 9,555	SHO LWI MU eported By \$44,00 \$652,2	DWS 9338- R PRICE RI D LOGGER JC 08 289	-9335 NOFLA IVER TOP 926: R JEFERY BRO OHN JULIAN Con Con Progress	ARE 3679 3 OCK ON RI mpletion mpletion	9/4445/4215 GGED UP AN \$0 \$0		Dail Well	Total	\$652,289 <b>Visc</b>	33.0
DailyCost Cum Cost MD Formation	ts: Drilling ts: Drilling 9,555 n:	SHO LWI MU eported By \$44,00 \$652,2	DWS 9338- R PRICE RI D LOGGEF JC 08 289 9,555 PBTD: 0	-9335 NOFLA IVER TOP 926: R JEFERY BRO OHN JULIAN Con Con Progress	ARE 3679 3 OCK ON RI mpletion mpletion	9/4445/4215 GGED UP AN \$0 \$0 Days		Dail Well	10.6	\$652,289 <b>Visc</b>	33.0
DailyCost Cum Cost MD Formation	ts: Drilling ts: Drilling 9,555 n:	SHO LWI MU eported By \$44,00 \$652,2 TVD	DWS 9338- R PRICE RI D LOGGER JC 08 289 9,555 PBTD: 0	-9335 NOFLA IVER TOP 926: R JEFERY BRO OHN JULIAN Cor Cor Progress	ARE 3679 3 OCK ON RI mpletion mpletion	9/4445/4215 GGED UP AN \$0 \$0 Days		Dail Well	10.6	\$652,289 <b>Visc</b>	33.0
DailyCost Cum Cost MD Formation Activity a	ts: Drilling ts: Drilling 9,555 n: t Report Ti	sho LWI MU sported By \$44,00 \$652,2 TVD me: DRILLIN Hrs Act	DWS 9338-R PRICE RID LOGGER JC 08 289 9,555 PBTD: 0	-9335 NOFLA IVER TOP 926; R JEFERY BRO OHN JULIAN Con Con Progress .0	ARE 3679 3 OCK ON RI mpletion 67	\$0 \$0 \$0 <b>Days</b>	10	Dail Well MW	10.6 PKR De	\$652,289 <b>Visc</b>	
DailyCost Cum Cost MD Formation Activity a Start	ts: Drilling ts: Drilling 9,555 n: t Report Til	SHO LWI MU sported By \$44,00 \$652,2 TVD me: DRILLIN Hrs Act 8.5 TRI TAR	DWS 9338-R PRICE RID LOGGER JC 08 289 9,555 PBTD: 0 IG civity Desc P IN HOLE KE 15-20k G	-9335 NOFLA IVER TOP 926: R JEFERY BRO DHN JULIAN Con Progress .0 ription , HIT BRIDGE	are 3679 3 OCK ON RI mpletion 67 7, HAD TO	\$0 \$0 \$0 <b>Days</b> <b>Perf</b> :	10 UGH BRIDO	Dail Well MW	10.6 PKR De 1980, , WASH	\$652,289 Visc pth: 0.0	
DailyCost Cum Cost MD Formation Activity a Start	ts: Drilling ts: Drilling 9,555 n: t Report Til	sho Lwi MU sported By \$44,00 \$652,2 TVD me: DRILLIN Hrs Act 8.5 TRI TAR BTM	DWS 9338- R PRICE RI D LOGGER  DS  SS  PBTD: 0  G  Livity Desc  P IN HOLE  KE 15-20k G  M UP AT 68	-9335 NOFLA IVER TOP 926: R JEFERY BRO DHN JULIAN Con Progress .0 ription c, HIT BRIDGE GOING DOWN	mpletion 67  5, HAD TO 1, PULL 25 D WT 10.6,	\$0 \$0 Days Perf: WSH THROU-20K, GOING	10 UGH BRIDO G UP, CIRC	Dail Well MW GE @ 4900⊸ BTM UP CL	1 <b>Total</b> 10.6 <b>PKR De</b> 4980, , WASH EAN UP A LI	\$652,289  Visc  pth: 0.0	
DailyCost Cum Cost MD Formation Activity a Start 06:00	ts: Drilling ts: Drilling 9,555 n: tt Report Tir End 14:30	SHO LWI MU PPORTED BY \$44,00 \$652,2  TVD  TVD  TVD  SET TARES TRI TARES TRI 2.0 CIR	DWS 9338- R PRICE RI D LOGGEF JC D8 289 9,555 PBTD: 0 IG RIVITY Desc P IN HOLE KE 15-20k G M UP AT 68 ICULATE © P IN HOLE	Progress  A HIT BRIDGE GOING DOWN  Too MIX AN  COR  Cor  Cor  Progress  Cor  Cor  Progress  Cor  Cor  Progress	mpletion 67  67  7, HAD TO N, PULL 25 D WT 10.6, ND PUMP I	\$0 \$0 \$0 <b>Days</b> <b>Perf:</b> WSH THROU-20K, GOING VIS 33	10 JGH BRIDG G UP, CIRC P, RAISE V	Dail Well MW GE @ 4900— BTM UP CL	1 <b>Total</b> 10.6 PKR De 4980, , WASH EAN UP A LI	\$652,289  Visc  pth: 0.0	D CIRC
Daily Cost Cum Cost MD Formation Activity a Start 06:00	ts: Drilling  9,555  n: tt Report Ti  End  14:30	SHO LWI MU sported By \$44,00 \$652,2  TVD  me: DRILLIN Hrs Act 8.5 TRI TAR BTM 2.0 CIR 1.5 TRI VIS	DWS 9338- R PRICE RI D LOGGER JC D8 289 9,555 PBTD: 0 IG ivity Desc EXE 15-20k G M UP AT 68 CULATE G P IN HOLE 36	Progress  A HIT BRIDGE GOING DOWN  Too MIX AN  COR  Cor  Cor  Progress  Cor  Cor  Progress  Cor  Cor  Progress	mpletion 67  T, HAD TO WT 10.6, ND PUMP I BRIDGE C	\$0 \$0 \$0 Days Perf: WSH THROU-20K, GOING VIS 33 HI VIS SWEEL	10 JGH BRIDG G UP, CIRC P, RAISE V JP WRKING	Dail Well MW  GE @ 4900— BTM UP CL IS FROM 33 G TROUGH I	1 <b>Total</b> 10.6 PKR De 4980, , WASH EAN UP A LI TO 37 BRIDGE,, TIH	\$652,289  Visc  pth: 0.0  ED 5500-5850,  TTLE, TIH AN	D CIRC
Daily Cost Cum Cost MD Formation Activity a Start 06:00 14:30 16:30	ts: Drilling ts: Drilling 9,555 n: t Report Ti End 14:30 16:30 18:00	SHO LWI MU Prorted By \$44,00 \$652,2  TVD  me: DRILLIN Hrs Act 8.5 TRI TAR BTI 2.0 CIR 1.5 TRI VIS 6.0 TIH	DWS 9338- R PRICE RI D LOGGER JC D8 289 9,555 PBTD: 0 IG ivity Desc EXE 15-20k G M UP AT 68 CULATE G P IN HOLE 36	Post Nofla IVER TOP 926: R JEFERY BRO DHN JULIAN  Con Progress  O  ription HIT BRIDGE GOING DOWN OO, 7280, MUL TO 7698, HIT WASH DOWN  WASH DOWN	mpletion 67  T, HAD TO WT 10.6, ND PUMP I BRIDGE C	\$0 \$0 \$0 Days Perf: WSH THROU-20K, GOING VIS 33 HI VIS SWEEL	10 JGH BRIDG G UP, CIRC P, RAISE V JP WRKING	Dail Well MW  GE @ 4900— BTM UP CL IS FROM 33 G TROUGH I	1 <b>Total</b> 10.6 PKR De 4980, , WASH EAN UP A LI TO 37 BRIDGE,, TIH	\$652,289  Visc  pth: 0.0  ED 5500-5850,  TTLE, TIH AN	D CIRC
Daily Cost Cum Cost MD Formation Activity a Start 06:00  14:30 16:30 18:00	ts: Drilling  9,555  n:  tt Report Ti  End  14:30  16:30  18:00  00:00	SHO LWI MU PPORTED BY \$44,00 \$652,2  TVD  TVD  TVD  SECOND	DWS 9338- R PRICE RI D LOGGEF JC D8 289 9,555 PBTD: 0 IG RIVITY Desc P IN HOLE KE 15-20k G M UP AT 68 ICULATE G P IN HOLE JG LTO 9218, V CCULATE F	Post Nofla IVER TOP 926: R JEFERY BRO DHN JULIAN  Con Progress  O  ription HIT BRIDGE GOING DOWN OO, 7280, MUL TO 7698, HIT WASH DOWN  WASH DOWN	mpletion 67  T, HAD TO N, PULL 25 D WT 10.6, ND PUMP I BRIDGE C	\$0 \$0 \$0 <b>Days</b> <b>Perf:</b> WSH THROU-20K, GOING VIS 33 HI VIS SWEEL CIRC BTMS U	JGH BRIDG G UP, CIRC P, RAISE VI JP WRKING MUD WT	Dail Well MW  GE @ 4900— BTM UP CL IS FROM 33 G TROUGH I	Total  10.6  PKR De  4980, , WASH  EAN UP A LI  TO 37  BRIDGE,, TIH	\$652,289  Visc  pth: 0.0  ED 5500-5850,  TTLE, TIH AN	D CIRC
Daily Cost Cum Cost MD Formation Activity a Start 06:00  14:30 16:30 18:00 00:00	ts: Drilling 9,555 n: tt Report Tit End 14:30 16:30 18:00 00:00 01:00	SHO LWI MU Prorted By \$44,00 \$652,2  TVD  me: DRILLIN Hrs Act 8.5 TRI TAR BTN 2.0 CIR 1.5 TRI VIS 6.0 TIH 1.0 CIR 5.0 DRI	DWS 9338- R PRICE RI D LOGGEF JC D8 289 9,555 PBTD: 0 IG RIVITY Desc P IN HOLE KE 15-20k G M UP AT 68 ICULATE G P IN HOLE JG LTO 9218, V CCULATE F	Progress  Tiption  Ti	mpletion 67  T, HAD TO N, PULL 25 D WT 10.6, ND PUMP I BRIDGE C	\$0 \$0 \$0 <b>Days</b> <b>Perf:</b> WSH THROU-20K, GOING VIS 33 HI VIS SWEEL CIRC BTMS U	JGH BRIDG G UP, CIRC P, RAISE VI JP WRKING MUD WT	Dail Well MW  GE @ 4900— BTM UP CL IS FROM 33 G TROUGH I	Total  10.6  PKR De  4980, , WASH  EAN UP A LI  TO 37  BRIDGE,, TIH	\$652,289  Visc  pth: 0.0  ED 5500-5850,  TTLE, TIH AN	D CIRC
Daily Cost Cum Cost MD Formation Activity a Start 06:00  14:30 16:30 18:00 00:00	ts: Drilling 9,555 n: tt Report Tit End 14:30 16:30 18:00 00:00 01:00	SHO LWI MU sported By \$44,00 \$652,2  TVD  me: DRILLIN Hrs Act 8.5 TRI TAR BTY 2.0 CIR 1.5 TRI VIS 6.0 TIH 1.0 CIR 5.0 DRI NO	DWS 9338- R PRICE RI D LOGGER JC 08 289 9,555 PBTD: 0 IG civity Desc P IN HOLE XE 15-20k 0 M UP AT 68 CULATE 6 P IN HOLE 36 I TO 9218, V	Progress  Tiption  Ti	mpletion 67  T, HAD TO N, PULL 25 D WT 10.6, ND PUMP I BRIDGE C	\$0 \$0 \$0 <b>Days</b> <b>Perf:</b> WSH THROU-20K, GOING VIS 33 HI VIS SWEEL CIRC BTMS U	JGH BRIDG G UP, CIRC P, RAISE VI JP WRKING MUD WT	Dail Well MW  GE @ 4900— BTM UP CL IS FROM 33 G TROUGH I	Total  10.6  PKR De  4980, , WASH  EAN UP A LI  TO 37  BRIDGE,, TIH	\$652,289  Visc  pth: 0.0  ED 5500-5850,  TTLE, TIH AN	D CIRC

SFTY MTG, OPERATING BOOM, TIH

FUEL USED 790, ON HAND 10085

BG GAS 1890, CONN GAS 3413, TRIP GAS 6553, HI FORM GAS 4538 @ 9533

LITHOLOGY 50% CARB SHALE, 30% SANDSTONE, 20% SILTSTONE

MUD LOGGER JEFFERY BROCK ON LOC 12 DAYS

11-28-200	)7 Re	ported By	JC	OHN JULIAN							
DailyCosts	s: Drilling	\$31	,776	Ce	mpletion	\$0		Dail	y Total	\$31,776	
Cum Cost	s: Drilling	\$68	4,066	Co	mpletion	\$0		Well	Total	\$684,066	
MD	10,000	TVD	10,000	Progress	445	Days	11	MW	10.7	Visc	36.0
Formation	ı:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	oth: 0.0	
Activity at	Report Ti	me: WIPER	TRIP								
Start	End	Hrs A	ctivity Desc	ription							
06:00	15:00	9.0 D	RILL ROTAT	E, 9555-9827	, WOB 10-1	9, RPM 40–5	55, SPP 2000,	ROP 30.22,	MUD WT 10.	7, VIS 37	
15:00	15:30	0.5 S	ERVICE RIG								
15:30	18:00	2.5 D	RILL ROTAT	E9827-9885,	WOB 12-19	RPM 45-55	5, SPP 2075, I	ROP 23.2, M	UD WT 10.7,	VIS 37	
18:00	01:30			E 9885-10000 Y LITTLE. R	-			2100, ROP-1	15.33, MUD W	T 10.7, VIS 37,	, HOLE
01:30	03:00	1.5 C	IRCULATE F	OR SHRT TR	IP.						
03:00	04:00	1.0 W	/IPER TRIP/S	HORT TRIP	I I JTS						
04:00	06:00	2.0 W	/IPER TRIP/S	SHORT TRIP,	TIH, CIRC E	АСН ЈКТ, Н	OLE SEEPIN	IG FLUID,			
		N	O ACCIDEN	TS							
		F	ULL CREWS								
		S	FTY MTG W	RKING AS A	TEAM, LAS	T DAY OF I	HTCH				
		C	OM CK X 2								
		F	UEL USED 8	60, ON HANI	9225						
		В	G GAS 3806,	CONN CAS	6606, TRIP C	AS 6225, H	FORM GAS	7605@9690	)		
				60% SANDST	INE, 30% C	ARB SHALE	E, 10% SILTS	TONE			
			HOWS	NEL ADE 102	C14C52120C0	10.7/10.7					
				) FLARE, 183							
				OFLARE 33:		10.7/10.7					
				) FLARE 331 ) FLARE 401							
				R JEFFERY B			S				
1-29-200	07 Re	ported By		HARVEY	ROOM ON E	00 13 2711					
	s: Drilling		,540	C	ompletion	\$0		Dail	y Total	\$31,540	
•	s: Drilling		5,606		ompletion	\$0			Total	\$715,606	
MD	10,000	TVD	10,000	Progress	0	Days	12	$\mathbf{MW}$	10.7	Visc	50.0
Formation	ı:		<b>PBTD</b> : 0	0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: SPACE	OUT PROD	CSG STRING	i						
Start	End	Hrs A	activity Desc	cription							
06:00	06:30	0.5 S	HORT TRIP	WASH TO B	OTTOM / NO	FILL.					
06:30	07:30	1.0 C	IRCULATE I	BOTTOMS UF	GAS / MAX	K 6,706u.					
07:30	08:30		UMP 380 BB								

11 20 2007	D	to J D. C. LIADVEV
		MUD LOGGER JEFFERY BROCK ON LOC 14 DAYS.
		TRIP GAS 6,706u.
		FUEL USED 910, ON HAND 8,315 GAL.
		COM CK X 2
		SFTY MTG; SINGLING IN PROD CSG STRING.
		FULL CREWS
		NO ACCIDENTS
		NOTE; NOTIFICATION OF PROD CSG & CMTG OPS @ 09:40 AM 28 NOVEMBER 2007 VIA VOICE MAIL JAMIE SPARGER BLM.
05:45	06:00	0.25 MOVE IN FMC TECHNOLOGIES EQUIPMENT & PERSONNEL. SINGLE IN CSG & SPACE WELL BORE OUT.
05:00	05:45	0.75 REMOVE ROT. HEAD RUBBER.
20:30	05:00	8.5 PICK UP TOTCO 4 1/2" 8RD LT&C CONVENTIONAL (MDL -226 E) FLOAT SHOE, PICK UP SINGLE JOINT OF NEW R-3 "TENARIS" 4 1/2" OD X 11.60 LB PER FT 8RD MAU-95 LT&C & INSTALL WITH LOCK TIGHT ADHESIVE. INSTALL TOPSCO (MDL 225 E) CONVENTIONAL FLOAT COLLAR ASSEMBLY – LOCK TIGHT ADHESIVE APPLIED TO CONNECTIONS. PICK UP & SINGLE IN HOLE WITH NEW R-3 "TENARIS" 4 1/2" OD X 11.60 LB PER FT 8RD MAU-95 LT&C PRODUCTION CASING. TORQUE = 3,250 FT/ LBS. TOP FILL CASING EVERY 40 – 45 JOINTS. NOTE; ALL TUBULARS CLEANED, DRIFTED & STEEL STRAP MEASURED. TOTAL OF 2 QTY MARKER PUP JOINTS PLACED ABOVE ZONES OF INTEREST. TOTAL OF 35 QTY TOTCO 4 1/2" X 7 7/8" BOW SPRING CENTRALIZERS INSTALLED.
		& TOOLS. RIG UP CEMENTING MANIFOLD IN CELLAR & CHECK PLUMBING FOR FLOW – OK. SAFETY MEETING.
	17:30 20:30	1.75 BO / LD BHA, DRAIN M/MTR.  3.0 PULL UNDAMAGED WEAR BUSHING / FUNCTION BOP STACK. SWAP FLYING BOOM FOR CSG / RU FLOOR
		0.75 REMOVE ROT. HEAD RUBBER.
08:30		
00.20	15:00	6.5 TOOH LAYING DOWN DP.

11-30-200	07 Re	ported :	By Gi	HARVEY							
DailyCosts	s: Drilling	\$	18,073	Com	pletion	\$162,619		Daily	Total	\$180,693	
Cum Cost	s: Drilling	\$	733,680	Com	pletion	\$162,619		Well	Total	\$896,300	
MD	10,000	TVD	10,000	Progress	0	Days	13	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation	ı:		<b>PBTD</b> : 0.	0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at	Report Ti	ne: RDF	RT/WO COMPLE	TION							
Start	End	Hrs	Activity Descr	ription							
06:00	09:00	3.0	SCHLUMBERG BEGAN LIMIT WORK PIPE TO POWER SWIVI TO RAISE DIS' @ 9,996.34' / FI	ED CIRC CAPA O NEUTRAL PO EL CUSHION S TANCE NEEDE	ABILITIES OINT & RI SUB QUIL ED TO BRI	SW/CSG STRIN EMOVE PUP JT L - (FLYING B EAK OUT). AL	NG PRES FROM S OOM JA TERNAT	SURING UP, I TRING / UNA WS NOT HOL IVE STRING	LOOSEING ABLE TO RE LDING & RO SETTING C	HOLE & MOVI EMOVE PUP JT TARY TONGS CHOSEN. CSG	EMENT / FROM UNABLE LANDED
09:00	09:30	0.5	RIG UP SCHLU SAFETY MEET		EMENTIN	G EQUIPMENT	& INSTA	ALL 8RD THE	READED PL	UG LAUNCHE	R.

09:30	13:15	3.75 CEMENT PRODUCTION CASING AS FOLLOWS: PRESSURE TEST SURFACE LINES & EQUIPMENT TO 4,898 PSI. PUMP 20 BBL MUD FLUSH FOLLOWED BY 32.5 BBLS FRESH WATER SPACER – LENGTHEN SPACER DUE TO RETIGHTENING CMTG HEAD LEAK – MIX & PUMP LEAD SLURRY CONSISTING OF 560 SX = (1,668.80 CU FT297.21 BBLS) – TYPE "C" CEMEMT W/ 10% D20 – (BENTONITE), 0.2% D46 – (ANTI–FOAMER), 0.2% D167 – (FLUID LOSS), 0.5% D13 – (RETARDER), 0.5% D65 – (DISPERSANT), 0.125 PPS D130 – (LCM), MIXED AT 11.50 PPG WITH 18.20 GPS MIX WATER / 2.98 CU/ FT PER SACK. FOLLOWED WITH TAIL SLURRY CONSISTING OF 1,595 SX = (2,057.55 CU FT, 366.44 BBLS) 50/50 POZ "G" CEMENT W/ 2% D20 – (BENTONITE), 0.2% D65 – (DISPERSANT), 0.2% D167 – (FLUID LOSS), 0.1% D46 – (ANTI–FOAMER), 0.1% D13 – (RETARDER), MIXED AT 14.1 PPG WITH 5.96 GPS MIX WATER / 1.29 CU/ FT PER SACK. SHUT DOWN AND WASH UP PUMP EQUIPMENT TO PITS. ACTIVATE PLUG LAUNCHER / EVACUATE TOP PLUG & DISPLACE WITH 158.0 BBLS OF TESTED FRESH WATER W/ 2.0 GPT L064 – (CLAY STABILIZER). DISPLACE @ 5.2 BBL/MINUTE RATE SLOWINGS RATE TO 2.0 BBL/MIN LAST 10 BBLS TO ENGAGE. CEMENT TO SURFACE = 30 BBLS – (168.4 CU FT56.5 SX). BUMP PLUG WITH 158.0 BBLS DISPLACED, FINAL LIFT PRESSURE 2,353 PSI / PRESSURE TO BUMP PLUG = 3,397 PSI. HELD 1 1/2 MINUTES, BLED OFF PRESSURE. 1 1/4 BBLS BACK TO TUBS. BUMP PLUG @ 13:15 PM 29 NOVEMBER 2007.
13:15	14:00	0.75 LEAVE CMTG HEAD ON CSG TO ENSURE FLOATS HOLDING / RIG DOWN / RELEASE & MOVE OUT SCHLUMBERGER CEMENTING EQUIPMENT & PERSONNEL. NO FLUID OR MECHANICAL FAILURES ENCOUNTERED DURING CEMENTING OPERATIONS.
14:00	14:30	0.5 LOWER FMC "C-24" SLIPS DOWN BOP STACK, VISUALLY SET LEVEL. BOUYED CSG STRING WEIGHT = 110,000 LBS.
14:30	20:30	6.0 RD HYDRILL & BOP STACK, SET STACK BACK. PIVOT PINS ON FLYING BOOM GAULED IN PLACE. CHECK ENVIORNMENT FOR GAS, CUT OFF 4 1/2" PROD CSG. INSTALL SEALED NIGHT CAP @ 20:20 PM. HAUL OFF MIXED DRILLING FLUIDS TO MUD FARM STORAGE TANKS. CLEAN MUD TANKS PER CONTRACT.
20:30	06:00	9.5 RIG DOWN WINDWALLS, FLARE LINES & CIRCULATING PLUMBING. FINAL DRLG REPORT.

DAYS WITH NO LOST TIME ACCIDENTS = 166 DAYS.

NO ACCIDENTS OR INCIDENTS REPORTED LAST 24 HOURS.

CREW TOWERS; AM = 4 MEN & PM = 4 MEN.

SAFETY MEETING IE; MULTIPLE VENDORS & COMMUNICATION / LIMITED PERSONNEL WHILE WORKING STUCK CSG.

FUEL TRANSFER TO HOSS UNIT NO. 64-36 = 7,805 GALLONS @ \$3.452 / GAL.

BOILER USAGE = 24 HRS.

MUD–LOGIC MUDLOGGING RIGGED UP & ON DAY WORK 14 NOVEMBER 2007. JEFFERY BROCK = DAY No. 15 – RELEASED.

06:00

18.0 RIG RELEASED @ 16:15 HRS, 11/29/07.

CASING POINT COST \$733.681

		`	or ion to I on t		,01		_				
12-13-20	07 R	eported By	y SE	EARLE							
DailyCost	s: Drilling	\$0		Con	npletion	\$45,045		Daily To	tal	\$45,045	
Cum Cost	ts: Drilling	\$73	33,680	Con	npletion	\$207,664		Well Tot	al	\$941,345	
MD	10,000	TVD	10,000	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation	n:		<b>PBTD</b> : 9	954.0		Perf:		1	KR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	ime: PREP	FOR FRACS								
Start	End	Hrs A	Activity Desc	ription							
06:00	06:00	2	MIRU SCHLUI RD SCHLUMB		G WITH R	ST/CBL/CCL/V	DL/GR F	ROM PBTD TO	120'. ES	CEMENT TO	OP @ 170'.
02-23-20	08 R	eported B	y M	CCURDY			-				
DailyCost	s: Drilling	\$0		Cor	npletion	\$1,653		Daily To	tal	\$1,653	

Cum Cos	ts: Drilling	\$733,6	80	Co	mpletion	\$209,317		Well	Total	\$942,998	
MD	10,000	TVD	10,000	Progress	0	Days	15	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 99	54.0		Perf:			PKR De <sub>l</sub>	pth: 0.0	
Activity a	t Report Ti	me: PREP TO	RUWL								
Start	End	Hrs Act	ivity Descr	ription							
12:00	13:00			TREE. PRES PSIG. PUMF			E & CASI	NG. PRESS	URED TO 580	00 PSIG & THE	N BROKE
02-24-20	008 Re	eported By	МС	CCURDY						<del></del>	
	ts: Drilling	\$0			mpletion	\$6,614		Dail	y Total	\$6,614	
•	ts: Drilling	\$733,6	80		mpletion	\$215,932			Total	\$949,612	
MD	10,000	TVD	10,000	Progress	0	Days	16	MW	0.0	Visc	0.0
Formatio	·		<b>PBTD</b> : 99	_	-	Perf:		1,2,,,	PKR De		
		me: WO COM				<b></b>					
Start	End		ivity Descr	ription							
06:00	09:00	3.0 MIR	U CUTTER	•			O CUTTE	RS WIRELI	NE. PRESSUF	RE TESTED FR	AC TREE &
02-28-20	008 Re	eported By	JO	E VIGIL	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
DailyCos	ts: Drilling	\$0		Co	mpletion	\$27,161		Dail	y Total	\$27,161	
Cum Cos	ts: Drilling	\$733,6	80	Co	mpletion	\$243,093		Well	l Total	\$976,774	
MD	10,000	TVD	10,000	Progress	0	Days	17	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	<b>PBTD</b> : 99	10.0		Perf: 8563'	- 9569'		PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: FRAC MF	PR								
Start	End	Hrs Act	ivity Descr	ription							
06:00	06:00	9365 3 SF 5485 W/1 RD	5'–66', 9391 PF & 120° PI 5 GAL 16# I 38200# 20/4 HALLIBUR	'-92', 9404'. HASING. RE DELTA 200 P 40 SAND @ 1 TON.	–05', 9460'– DWL. RU HA PAD, 9089 GA 1–5 PPG. MT	61', 9474'75', LLIBURTON. I AL 16# DELTA TP 7191 PSIG. N	9499'-95 FRAC DO 200 W/1# /ITR 51 BI	00'; 9513'-1 WN CASINO & 1.5# 20/40 PM. ATP 459	.4', 9530'+31' 3 WITH 165 C 3 SAND, 3819 66 PSIG. ATR	, 9341'-42', 93 , 9536'-37' & 9 GAL GYPTRON 9 GAL 16# DEI 48.2 BPM. ISIP	568'-69' @ T-106, LTA 200+ 3036 PSIG.
		8911 HAI GAI	l'–12', 8917 LLIBURTO! L 16# DELT	''-18', 8929' N. FRAC DO' A 200 W/1# 8	–30', 8938'– WN CASINO & 1.5# 20/40	39', 8953'–54', GWITH 165 GA	8970'-71 L GYPTF GAL 16# I	' & 8980'–8 RON T–106, DELTA 200+	1' @ 3 SPF & 4786 GAL 164 W/187900# 20	64', 8888'89', 1 120° PHASING # DELTA 200 P 0/40 SAND @ 1 BURTON.	. RU AD, 7464
		8683 RU 1 1111	3'–84', 8701 HALLIBUR 16 GAL 16#	'-02', 8717' TON. FRAC DELTA 200	–18', 8729'– DOWN CAS W/1# & 1.5#	30', 8757'–58', ING WITH 165 20/40 SAND, 5	8766'–67 GAL GY 52966 GAI	' & 8778'-79 PTRON T-1 _ 16# DELTA	9' @ 3 SPF & 06, 5008 GAL A 200+ W/191	88', 8614'–15', 120° PHASING . 16# DELTA 20 800# 20/40 SAN HALLIBURTON	. RDWL. 00 PAD, ND @ 1–5
02-29-20	008 R	eported By	JO	E VIGIL							
DailyCos	ts: Drilling	\$0		Co	mpletion	\$4,128		Dail	y Total	\$4,128	
Cum Cos	ts: Drilling	\$733,6	680	Co	mpletion	\$247,221		Well	Total	\$980,902	

MD 10,000 TVD 10,000 Progress 0 Days 18 MW 0.0 Visc 0.0

**Formation :** MESAVERDE / WASATCH

Activity at Report Time: FRAC

Start End Hrs Activity Description

06:00 06:00 24.0 RUWL SET 10K CFP AT 8525', PERFORATED MPR FR

**PBTD**: 9910.0

24.0 RUWL SET 10K CFP AT 8525'. PERFORATED MPR FROM 8394'-95', 8405'-06', 8415'-16', 8422'-23', 8432'-33', 8442'-43', 8459'-60', 8463'-64', 8468'-69', 8480'-81', 8491'-92' & 8497'-98' @ 3 SPF & 120° PHASING. RU HALLIBURTON. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4718 GAL 16# DELTA 200 PAD, 8022 GAL 16# DELTA 200 W/1# & 1.5# 20/40 SAND, 38416 GAL 16# DELTA 200+ W/136800# 20/40 SAND @ 1-5 PPG. MTP 5274 PSIG. MTR 51.8 BPM. ATP 3852 PSIG. ATR 51.8 BPM. ISIP 2560 PSIG. RD HALLIBURTON.

Perf: 6032' - 9569'

PKR Depth: 0.0

RUWL. SET 10K CFP AT 8370'. PERFORATED UPR FROM 8116'-17', 8131'-32', 8140'-41', 8148'-49', 8154'-55', 8173'-74', 8197'-98', 8219'-20', 8237'-38', 8281'-82', 8323'-24' & 8351'-52' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5291 GAL 16# DELTA 200 PAD, 6657 GAL 16# DELTA 200 W/1# & 1.5# 20/40 SAND, 27238 GAL 16# DELTA 200+ W/99200# 20/40 SAND @ 1-5 PPG. MTP 7895 PSIG. MTR 51 BPM. ATP 5489 PSIG. ATR 47.5 BPM. ISIP 2749 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 8025'. PERFORATED UPR FROM 7740'-41', 7747'-48', 7779'-80', 7792'-93', 7810'-11', 7829'-80', 7874'-75', 7890'-91', 7903'-04', 7928'-29', 7936'-37' & 7994'-95' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5051 GAL 16# DELTA 200 PAD, 11866 GAL 16# DELTA 200 W/1# & 1.5# 20/40 SAND, 52572 GAL 16# DELTA 200+ W/191200# 20/40 SAND @ 1-5 PPG. MTP 4274 PSIG. MTR 54 BPM. ATP 3578 PSIG. ATR 54 BPM. ISIP 2015 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 7700'. PERFORATED NORTH HORN FROM 7461'-62', 7507'-08', 7546'-47', 7557'-58', 7573'-74', 7581'-82', 7590'-91', 7595'-96', 7643'-44', 7651'-52', 7657'-58' & 7675'-76' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4838 GAL 16# DELTA 200 PAD, 7690 GAL 16# DELTA 200 W/1# & 1.5# 20/40 SAND, 32622 GAL 16# DELTA 200+ W/121100# 20/40 SAND @ 1-5 PPG. MTP 4511 PSIG. MTR 52.4 BPM. ATP 3797 PSIG. ATR 50.6 BPM. ISIP 2298 PSIG. RD HALLIBURTON.

RUWL. SET 10K CFP AT 7400'. PERFORATED NORTH HORN FROM 6989'-90', 7048'-49' (MISFIRE), 7120'-21', 7175'-76', 7204'-05', 7215'-16', 7225'-26', 7240'-42', 7320'-21' (MISFIRE), 7350'-51' & 7359'-60' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING W/3716 GAL WF16 LINEAR PAD, 9793 GAL WF16 LINEAR W/.5# & 1# 20/40 SAND, 13118 GAL WF16 LINEAR W/29700# 20/40 SAND @ 1.5 - 2 PPG. MTP 6752 PSIG. MTR 50.6 BPM, ATP 5323 PSIG. ATR 46.6 BPM. ISIP 2107 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6775'. PERFORATED BA FROM 6432'-34', 6442'-43', 6463'-64', 6505'-06', 6517'-18', 6595'-96', 6631'-32', 6642'-43', 6707'-08' & 6739'-40' @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING W/2941 GAL 16# DELTA 200 PAD, 5521 GAL 16# DELTA 200 W/1# & 1.5# 20/40 SAND, 27322 GAL 16# DELTA 200+ W/94000# 20/40 SAND @ 1-4 PPG. MTP 5940 PSIG. MTR 56 BPM. ATP 3949 PSIG. ATR 49.4 BPM. ISIP 1447 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6350'. PERFORATED CA FROM 6032'-33', 6045'-48', 6092'-94', 6116'-17', 6218'-20', 6266'-67', 6294'-95' & 6315'-16 @ 3 SPF & 120° PHASING. RDWL. RU HALLIBURTON. FRAC DOWN CASING W/2826 GAL 16# DELTA 200 PAD, 4731 GAL 16# DELTA 200 W/1# & 1.5# 20/40 SAND, 26001 GAL 16# DELTA 200+W/92600# 20/40 SAND @ 1-5 PPG. MTP 3732 PSIG. MTR 41.5 BPM. ATP 3037 PSIG. ATR 39.7 BPM. ISIP 1903 PSIG. RD HALLIBURTON. SDFN.

03-01-2008	Re	ported B	y JO	E VIGIL							
DailyCosts:	Drilling	\$0		Cor	mpletion	\$444,389		Daily	Total	\$444,389	
Cum Costs:	Drilling	\$7	33,680	Cor	mpletion	\$691,611		Well '	<b>Fotal</b>	\$1,425,291	
MD	10,000	TVD	10,000	Progress	0	Days	19	MW	0.0	Visc	0.0
Formation:	MESAVE	RDE /	<b>PBTD</b> : 9	910.0		Perf: 5632'-	- 9569'		PKR De	oth: 0.0	

WASATCH

Activity at Report Time: MISU

#### Start End Hrs Activity Description

06:00 06:00

24.0 RUWL SET 6K CFP AT 6000'. PERFORATE CA FROM 5912'-13', 5920'-23', 5929'-31', 5955'-56', 5962'-64', 5967'-69', 5975'-76', @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING WITH, 3133 GAL 16# DELTA 200 PAD, 5071 GAL 16# DELTA 200 1# & 1.5#, 24346 GAL 16# DELTA 200 + WITH # 90200 20/40 SAND @ 1-5 PPG. MTP 2304 PSIG. MTR 25.3 BPM. ATP 1903 PSIG. ATR 24.7 BPM. ISIP 1593 PSIG. RD HALLIBURTON.

RUWL SET 6K CFP AT 5840'. PERFORATE CA FROM 5774'-76', 5784'-86', 5793'-95', 5804'-06', @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING WITH, 4021 GAL 16# DELTA 200 PAD, 9096 GAL 16# DELTA 200 1# & 1.5#, 29534 GAL 16# DELTA 200 + WITH # 110000 20/40 SAND @ 1–5 PPG. MTP 2450 PSIG. MTR 26.4 BPM. ATP 1973 PSIG. ATR 26.4 BPM. ISIP 1799 PSIG. RD HALLIBURTON.

RUWL SET 6K CFP AT 5735'. PERFORATE PP FROM 5632'-33', 5638'-41', 5647'-48', 5659'-60', 5665'-66', 5672'-73', 5686'-88', 5696'-99', 5706'-07', @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING WITH, 2600 GAL 16# DELTA 200 PAD, 5406 GAL 16# DELTA 200 1# & 1.5#, 31012 GAL 16# DELTA 200 + WITH # 118500 20/40 SAND @ 1-5 PPG. MTP 3214 PSIG. MTR 30.9 BPM. ATP 2444 PSIG. ATR 29.9 BPM. ISIP 1910 PSIG. RDMO HALLIBURTON.

#### RUWL, SET 6K CBP AT 5523'. RDMO CUTTERS WIRELINE. SIWFN.

03-05-2008	Re	eporte	d By JC	DE VIGIL							
DailyCosts: I	Prilling		\$0	Co	mpletion	\$9,493		Daily	Total	\$9,493	
Cum Costs: I	Prilling		\$733,680	Co	mpletion	\$701,104		Well	Total	\$1,434,784	
MD	10,000	TVD	10,000	Progress	0	Days	20	MW	0.0	Visc	0.0
Formation:	MESAVE	RDE /	<b>PBTD</b> : 9	910.0		<b>Perf</b> : 5632'-	9569'		PKR De <sub>l</sub>	<b>oth:</b> 0.0	

WASATCH

Activity at Report Time: MIRUSU. C/O AFTER FRAC.

Start	End	Hrs	Activity Description	

07:00 17:00 10.0 MIRUSU. ND FRAC VALVE. NU BOPE. MU 3 7/8" MILL, POBS, 1 JT 2 3/8 4.7# N-80 TBG, XN NIPPLE, TALLY AND PU 172 JTS. TAGGED CBP @ 5523'. RU TO D/O PLUGS. SIFN.

03-06-2008	Re	ported	Ву	AUSCH							
DailyCosts: 1	Orilling	:	\$0		Completion	\$37,057		Daily	Total	\$37,057	
Cum Costs:	Orilling	:	\$733,680		Completion	\$738,161		Well 7	<b>Fotal</b>	\$1,471,841	
MD	10,000	TVD	10,000	Progres	ss 0	Days	21	MW	0.0	Visc	0.0
Formation:	MESAVE	RDE /	PBTD:	9629.0		Perf: 5632'-	- 9569'		PKR De	<b>pth:</b> 0.0	

WASATCH

End

Start

Activity at Report Time: RDMOSU. FLOW TEST.

Hrs

07:00	06:00	23.0 SICP 0 PSIG. HOLD SAFETY MTG. PRESSURE TEST FLOW LINES AND MANIFOLD TO 2500 PSIG. CLEANED
		OUT & DRILLED OUT PLUGS @ 5523', 5735', 5840', 6000', 6350', 6775', 7400', 7700', 8025', 8370', 8525', 8800' &
		9000'. RIH. CLEANED OUT TO PBTD @ 9629'. LANDED TBG AT 8033.84' KB. ND BOPE. NU TREE. PUMPED

OFF BIT & SUB. RDMOSU.

**Activity Description** 

TUBING DETAIL: LENGTH:

PUMP OFF SUB 1.00'

1 JT 2-3/8 4.7# L-80 TBG 32.92'

XN NIPPLE 1.30'

248 JTS 2-3/8 4.7# L-80 TBG 7985.02'

2 3/8 N-80 NIPPLE & COUPLING .60'

BELOW KB 13.00'

LANDED @ 8033.84' KB

FLOWED 14 HRS. 24/64 CHOKE. FTP– 600 PSIG, CP– 800 PSIG. 99 BFPH. RECOVERED 937 BBLS, 14952 BLWTR.

03-07-2008	Rep	orted By	BA	USCH							
DailyCosts: Dri	lling	\$0		C	ompletion	\$2,565		Daily	y Total	\$2,565	
Cum Costs: Dri	illing	\$733,	680	C	ompletion	\$740,726		Well	Total	\$1,474,406	
<b>MD</b> 10	,000	TVD	10,000	Progress	0	Days	22	MW	0.0	Visc	0.0
Formation : ME WASATCH	ESAVER	DE /	<b>PBTD</b> : 96	529.0		<b>Perf</b> : 5632'-	- 9569'		PKR De	<b>pth</b> : 0.0	
Activity at Repo	ort Tim	ie: FLOW T	EST								
Start End		Hrs Ac	tivity Desc	ription							
06:00 06	6:00	24.0 FL	OWED 24 H	RS. 24/64" C	HOKE. FTP	750 PSIG. CP 55	0 PSIG. 7	70 BFPH. RE	COVERED 1	675 BLW. 13277	BLWTF
3-08-2008	Rep	oorted By	BA	USCH							
DailyCosts: Dri	lling	\$0		C	ompletion	\$2,565		Dail	y Total	\$2,565	
Cum Costs: Dri	illing	\$733,	680	C	ompletion	\$743,291		Well	Total	\$1,476,971	
MD 10	,000	TVD	10,000	Progress	0	Days	23	$\mathbf{MW}$	0.0	Visc	0.0
Formation: ME WASATCH	ESAVER	DE /	<b>PBTD</b> : 96	529.0		Perf: 5632'-	- 9569'		PKR De	<b>pth:</b> 0.0	
				• .•							
<b>Start End</b> 06:00 06	5:00	Hrs Ac 24.0 FL BL	tivity Desc OWED 24 H WTR.	RS. 24/64 CH	IOKE. FTP-	858 PSIG, CP-	-900 PSI	G. 61 BFPH.	RECOVERE	ED 1456 BBLS,	11821
Start End 06:00 06 03-09-2008	5:00 <b>Re</b> p	Hrs Ac 24.0 FLo BD ported By	tivity Desc OWED 24 H WTR.	RS. 24/64 CH			-900 PSI		5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		11821
Start End 06:00 06 03-09-2008 DailyCosts: Dri	5:00 Rep	Hrs Ac 24.0 FLG BLC corted By \$0	tivity Descr OWED 24 H WTR. BA	AUSCH	ompletion	\$2,565	-900 PSI	Daily	y Total	\$2,565	11821
Start End 06:00 06 03-09-2008 DailyCosts: Dri Cum Costs: Dri	S:00 Rep Illing	Hrs Ac 24.0 FLi BL  ported By \$0 \$733,	tivity Desc OWED 24 H WTR. BA	AUSCH Co	ompletion ompletion	\$2,565 \$745,856		Dail <sub>y</sub> Well	y Total Total	\$2,565 \$1,479,536	
Start         End           06:00         06           03-09-2008         Daily Costs: Dri           Cum Costs: Dri         MD           10         Formation: ME	Rep illing illing	24.0 FLI BLI ported By \$0 \$733,	tivity Descr OWED 24 H WTR. BA	AUSCH Co Progress	ompletion	\$2,565	24	Daily	y Total	\$2,565 \$1,479,536 <b>Visc</b>	0.0
Start End 06:00 06 03-09-2008 DailyCosts: Dri Cum Costs: Dri MD 10 Formation : ME WASATCH	Rep illing illing ,,000	24.0 FLO BD  ported By  \$0  \$733,  TVD	Description Description    BA  680  10,000  PBTD: 96	AUSCH Co Progress	ompletion ompletion	\$2,565 \$745,856 <b>Days</b>	24	Dail <sub>y</sub> Well	y Total Total 0.0	\$2,565 \$1,479,536 <b>Visc</b>	
Start End 06:00 06 03-09-2008 DailyCosts: Dri Cum Costs: Dri MD 10 Formation : ME WASATCH Activity at Repo	Republing illing 0,000 ESAVER	Hrs Ac 24.0 FLI BLI ported By \$0 \$733, TVD RDE / ne: FLOW T	Description Description    BA  680  10,000  PBTD: 96	RS. 24/64 CH  CO  CO  Progress 629.0	ompletion ompletion	\$2,565 \$745,856 <b>Days</b>	24	Dail <sub>y</sub> Well	y Total Total 0.0	\$2,565 \$1,479,536 <b>Visc</b>	
Start End 06:00 06 03-09-2008 DailyCosts: Dri Cum Costs: Dri MD 10 Formation : ME WASATCH Activity at Repo	Republing illing 0,000 ESAVER	24.0 FLO BD \$733,  TVD \$DE / \$Ac 24.0 FLOW THIS Ac 24.0 FLOW THIS \$Ac	tivity Description  OWED 24 HI  WTR.  BA  680  10,000  PBTD: 96  EST  tivity Description	RS. 24/64 CH Co Co Progress 629.0  ription RS. 24/64 CH	ompletion ompletion 0	\$2,565 \$745,856 <b>Days</b> <b>Perf</b> : 5632'-	24 - 9569'	Daily Well MW	y Total Total 0.0 PKR De	\$2,565 \$1,479,536 <b>Visc</b>	0.0
Start End 06:00 06  03-09-2008  Daily Costs: Dri Cum Costs: Dri WD 10  Formation: ME WASATCH Activity at Repo Start End 06:00 06	Repilling 0,000 ESAVER ort Tim	24.0 FLO BD \$733,  TVD \$DE / \$Ac 24.0 FLOW THIS Ac 24.0 FLOW THIS \$Ac	tivity Description  OWED 24 H  WTR.  BA  680  10,000  PBTD: 96  EST  tivity Description  OWED 24 H  WTR. SCH.	RS. 24/64 CH Co Co Progress 629.0  ription RS. 24/64 CH	ompletion ompletion 0	\$2,565 \$745,856 <b>Days</b> <b>Perf</b> : 5632'-	24 - 9569'	Daily Well MW	y Total Total 0.0 PKR De	\$2,565 \$1,479,536 <b>Visc</b> <b>pth:</b> 0.0	0.0
Start End 06:00 06  03-09-2008  Daily Costs: Dri Cum Costs: Dri MD 10  Formation: ME WASATCH  Activity at Repel Start End 06:00 06  03-10-2008	Repilling 0,000 ESAVER ort Tim	Hrs Ac 24.0 FLO BLO ported By \$0 \$733, TVD RDE / Hrs Ac 24.0 FLO BLO ported By	tivity Description  OWED 24 H  WTR.  BA  680  10,000  PBTD: 96  EST  tivity Description  OWED 24 H  WTR. SCH.	RS. 24/64 CH  Co  Progress 629.0  ription  RS. 24/64 CH	ompletion ompletion 0	\$2,565 \$745,856 <b>Days</b> <b>Perf</b> : 5632'-	24 - 9569'	Daily Well MW	y Total Total 0.0 PKR De	\$2,565 \$1,479,536 <b>Visc</b> <b>pth:</b> 0.0	0.0
Start End 06:00 06  3-09-2008  DailyCosts: Dri Cum Costs: Dri WD 10  Formation : ME WASATCH Activity at Repo Start End 06:00 06  03-10-2008  DailyCosts: Dri	Repilling ,,000 ESAVER ort Tim 6:00 Repilling	Hrs Ac 24.0 FLO BLO ported By \$0 \$733, TVD RDE / Hrs Ac 24.0 FLO BLO ported By	tivity Description	AUSCH Co Progress 629.0  ription RS. 24/64 CH	ompletion 0 0 HOKE. FTP-	\$2,565 \$745,856 <b>Days</b> <b>Perf</b> : 5632'-	24 - 9569'	Daily Well MW PSIG. 55 BFP Daily	y Total  Total  0.0  PKR De	\$2,565 \$1,479,536 <b>Visc</b> <b>pth:</b> 0.0	0.0
Start End 06:00 06  03-09-2008  Daily Costs: Dri Cum Costs: Dri MD 10  Formation: ME WASATCH Activity at Repo Start End 06:00 06  03-10-2008  Daily Costs: Dri Cum Costs: Dri Cum Costs: Dri	Repilling 0,000 ESAVER 0:00 Repilling illing	Hrs Ac 24.0 FL BL Dorted By \$0 \$733, TVD DEE / DEE: FLOW T Hrs Ac 24.0 FL BL Dorted By \$0	tivity Description	AUSCH Co Progress 629.0  ription RS. 24/64 CH	ompletion 0  HOKE. FTP-	\$2,565 \$745,856 <b>Days</b> <b>Perf:</b> 5632'-	24 - 9569'	Daily Well MW PSIG. 55 BFP Daily	y Total  Total  0.0  PKR Dep	\$2,565 \$1,479,536 <b>Visc</b> <b>pth</b> : 0.0	0.0
06:00 06  03-09-2008  Daily Costs: Dri Cum Costs: Dri MD 10  Formation: ME WASATCH Activity at Repo Start End 06:00 06  03-10-2008  Daily Costs: Dri Cum Costs: Dri	Repailling 0,000 ESAVER 0:00 Repailling 0,000	### Ac  24.0 FL  BU  ported By  \$0  \$733,  TVD  DEE /  HE: FLOW T  Hrs Ac  24.0 FL  BL  ported By  \$0  \$733,  TVD	tivity Description OWED 24 H. WTR.  BA  680  10,000  PBTD: 96  EST  tivity Description OWED 24 H. WTR. SCH.  BA	AUSCH Co Progress 629.0  ription RS. 24/64 CH AUSCH Co Progress	ompletion  0  HOKE. FTP-  ompletion  ompletion	\$2,565 \$745,856 <b>Days</b> <b>Perf</b> : 5632'- 1000 PSIG, CP \$2,565 \$748,421	24 - 9569' 2- 2100 P	Daily Well MW PSIG. 55 BFP Daily Well	y Total  O.0  PKR De  H. RECOVE	\$2,565 \$1,479,536 <b>Visc</b> <b>pth:</b> 0.0 RED 1316 BLW, \$2,565 \$1,482,101 <b>Visc</b>	0.0
Start End 06:00 06  03-09-2008  DailyCosts: Dri Cum Costs: Dri MD 10  Formation : ME WASATCH Activity at Repo Start End 06:00 06  03-10-2008  DailyCosts: Dri Cum Costs: Dri MD 10  Formation : ME	Republing a,000 ESAVER action GEO	### Ac  24.0 FL  BL  Dorted By  \$0  \$733,  TVD  ADE /  Hrs Ac  24.0 FL  BL  Dorted By  \$0  \$733,  TVD  \$0  \$733,  TVD  \$0  \$733,	10,000  PBTD: 96  10,000  PBTD: 96  10,000  PBTD: 96  10,000  PBTD: 96	AUSCH Co Progress 629.0  ription RS. 24/64 CH AUSCH Co Progress	ompletion  0  HOKE. FTP-  ompletion  ompletion	\$2,565 \$745,856 <b>Days</b> <b>Perf:</b> 5632'- 1000 PSIG, CP \$2,565 \$748,421 <b>Days</b>	24 - 9569' 2- 2100 P	Daily Well MW PSIG. 55 BFP Daily Well	y Total  0.0  PKR Dep  H. RECOVE	\$2,565 \$1,479,536 <b>Visc</b> <b>pth:</b> 0.0 RED 1316 BLW, \$2,565 \$1,482,101 <b>Visc</b>	0.0

03-11-2008	Re	ported By	BA	AUSCH							
DailyCosts:	Drilling	\$0			Completion	\$5,230		Daily	Total	\$5,230	
Cum Costs:	J	\$733,	680		Completion	\$753,651		Well		\$1,487,331	
MD	10,000	TVD	10,000	Progres	_	Days	26	MW	0.0	Visc	0.0
Formation : WASATCH	•		<b>PBTD</b> : 9	_		Perf: 5632'-	- 9569'		PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at R	Report Ti	me: FLOW T	EST								
Start E	End	Hrs Ac	tivity Desc	ription							
06:00	06:00	24.0 FL	OWED 24 H	RS. 24/64"	CHOKE. FTP	100 PSIG. CP 2	2100 PSIC	6. 38 BFPH. R	ECOVERED	900 BLW. 8526	BLWTR
3-12-2008	Re	ported By	BA	AUSCH							
Daily Costs:	Drilling	\$0		4	Completion	\$3,382		Daily	Total	\$3,382	
Cum Costs:	-	\$733,	,680		Completion	\$757,033		Well	Total	\$1,490,713	
MD	10,000	TVD	10,000	Progres	s 0	Days	27	MW	0.0	Visc	0.0
Formation : WASATCH	MESAVE	RDE /	<b>PBTD</b> : 9	629.0		Perf : 5632'-	- 9569'		PKR Dej	<b>pth:</b> 0.0	
Activity at R	Report Ti	me: FLOW T	EST								
Start F	End	Hrs Ac	tivity Desc	ription							
06:00	06:00		•	_	CHOKE. FTP	1100 PSIG. CP 2	2000 PSIC	6. 33 <b>BFPH</b> . R	ECOVERED	784 BLW. 7742	BLWTR
		24.0 FL	OWED 24 H	_	CHOKE. FTP	1100 PSIG. CP 2	2000 PSIC	6. 33 BFPH. R	RECOVERED	784 BLW. 7742	BLWTR
3-13-2008	Re		OWED 24 H	RS. 24/64" AUSCH			2000 PSIC		-	9 784 BLW. 7742 \$2,565	BLWTR
03-13-2008 DailyCosts:	Re Drilling	24.0 FL	OWED 24 H	AUSCH	Completion	\$2,565 \$759,598	2000 PSIC	Daily	Total	and the second of the second o	BLWTF
03-13-2008 DailyCosts: Cum Costs:	Re Drilling	24.0 FL eported By \$0	OWED 24 H	RS. 24/64" AUSCH	Completion Completion	\$2,565 \$759,598	2000 PSIC	Daily	7 Total	\$2,565	BLWTF
03–13–2008 DailyCosts: Cum Costs: MD Formation:	Drilling Drilling 10,000	24.0 FL eported By \$0 \$733,	OWED 24 H BA	RS. 24/64" AUSCH Progres	Completion Completion	\$2,565	28	Daily Well	<sup>7</sup> Total Total	\$2,565 \$1,493,278 <b>Visc</b>	
03–13–2008 Daily Costs: Cum Costs: MD Formation: WASATCH	Drilling Drilling 10,000 MESAVE	24.0 FL/ eported By \$0 \$733, TVD  RDE /	OWED 24 H  B/  .680  10,000  PBTD: 9	RS. 24/64" AUSCH Progres	Completion Completion	\$2,565 \$759,598 <b>Days</b>	28	Daily Well	Total Total 0.0	\$2,565 \$1,493,278 <b>Visc</b>	
03–13–2008 Daily Costs: Cum Costs: MID Formation: WASATCH Activity at R	Drilling Drilling 10,000 MESAVE	24.0 FL sported By \$0 \$733, TVD RDE / me: WO FAC	OWED 24 H  B/  .680  10,000  PBTD: 9	RS. 24/64" AUSCH Progres	Completion Completion	\$2,565 \$759,598 <b>Days</b>	28	Daily Well	Total Total 0.0	\$2,565 \$1,493,278 <b>Visc</b>	
03–13–2008 Daily Costs: Cum Costs: MD Formation: WASATCH Activity at R	Drilling Drilling 10,000 MESAVE	24.0 FL/ eported By \$0 \$733,  TVD  RDE / me: WO FAC  Hrs Ac 24.0 FL	OWED 24 H B/ .680 10,000 PBTD: 9 CILITIES citivity Desc	Progres 629.0  ription  IRS. 24/64"	Completion Completion s 0	\$2,565 \$759,598 <b>Days</b> <b>Perf</b> : 5632'-	28 - 9569'	Daily Well MW	Total Total 0.0 PKR De	\$2,565 \$1,493,278 <b>Visc</b>	0.0
03–13–2008 Daily Costs: Cum Costs: MD Formation: WASATCH Activity at R	Drilling Drilling 10,000 MESAVE Report Tin	24.0 FL sported By \$0 \$733, TVD RDE / me: WO FAC Hrs Ac 24.0 FL SI.	OWED 24 H  B/  680  10,000  PBTD: 9  CILITIES  citivity Desc  OWED 24 H	Progres 629.0  cription IRS. 24/64" ITIES.	Completion Completion s 0 CHOKE FTP	\$2,565 \$759,598 <b>Days</b> <b>Perf</b> : 5632'-	28 - 9569'	Daily Well MW	Total Total 0.0 PKR De	\$2,565 \$1,493,278 <b>Visc</b> <b>pth</b> : 0.0	0.0
Daily Costs: Cum Costs: MD Formation: WASATCH Activity at R Start E	Drilling Drilling 10,000 MESAVE Report Tin End 06:00	24.0 FL sported By \$0 \$733, TVD RDE / me: WO FAC Hrs Ac 24.0 FL SI.	OWED 24 H  B/  680  10,000  PBTD: 9  CILITIES  citivity Desc  OWED 24 H  WO FACILI  NAL COMPI	Progres 629.0  cription IRS. 24/64" ITIES.	Completion Completion s 0 CHOKE. FTP	\$2,565 \$759,598 <b>Days</b> <b>Perf</b> : 5632'-	28 - 9569'	Daily Well MW	Total Total 0.0 PKR De	\$2,565 \$1,493,278 <b>Visc</b> <b>pth</b> : 0.0	0.0
Daily Costs: Cum Costs: WID Formation: WASATCH Activity at R Start F 06:00	Drilling Drilling 10,000 MESAVE Report Tin End 06:00	24.0 FL/ eported By \$0 \$733, TVD RDE / me: WO FAC Hrs Ac 24.0 FL SI.	OWED 24 H  B/  680  10,000  PBTD: 9  CILITIES  citivity Desc  OWED 24 H  WO FACILI  NAL COMPI	Progres 629.0  Pription IRS. 24/64" TIES.	Completion Completion s 0 CHOKE. FTP	\$2,565 \$759,598 <b>Days</b> <b>Perf</b> : 5632'-	28 - 9569'	Daily Well MW	Total Total 0.0 PKR De	\$2,565 \$1,493,278 <b>Visc</b> <b>pth</b> : 0.0	0.0
Daily Costs: Cum Costs: MD Formation: WASATCH Activity at F 06:00  Daily Costs:	Drilling 10,000 MESAVE Report Tin End 06:00 Record Drilling	24.0 FL eported By \$0 \$733, TVD RDE / me: WO FAC Hrs Ac 24.0 FL SI. FIN	OWED 24 H  B/  680  10,000  PBTD: 9  CILITIES  Civity Desc  OWED 24 H  WO FACILI  NAL COMPI	Progres 629.0 Pription IRS. 24/64" ITIES. LETION DA	Completion Completion s 0 CHOKE. FTP ATE: 3/12/08	\$2,565 \$759,598 <b>Days</b> <b>Perf</b> : 5632'-	28 - 9569'	Daily Well MW 5. 28 BFPH. F	7 Total Total 0.0 PKR Dep	\$2,565 \$1,493,278 <b>Visc</b> <b>pth:</b> 0.0	0.0
Oaily Costs: Cum Costs: AD Cormation: VASATCH Activity at R O6:00  Oaily Costs: Cum Costs:	Drilling 10,000 MESAVE Report Tin End 06:00 Record Drilling	24.0 FL eported By \$0 \$733, TVD RDE / me: WO FAC Hrs Ac 24.0 FL SI. FIN	OWED 24 H  B/  680  10,000  PBTD: 9  CILITIES  Civity Desc  OWED 24 H  WO FACILI  NAL COMPI	Progres 629.0 Pription IRS. 24/64" ITIES. LETION DA	Completion Completion S 0 CHOKE. FTP ATE: 3/12/08 OK Completion Completion	\$2,565 \$759,598 <b>Days</b> <b>Perf</b> : 5632'-	28 - 9569'	Daily Well MW 5. 28 BFPH. F	Total  O.0  PKR Dep	\$2,565 \$1,493,278 <b>Visc</b> <b>pth</b> : 0.0	0.0
Daily Costs: Cum Costs: MD Formation: WASATCH Activity at R Start B 06:00  D3-19-2008 Daily Costs: Cum Costs: MD Formation:	Drilling 10,000 MESAVE Report Tin End 06:00 Re Drilling 10,000	24.0 FL eported By \$0 \$733,  TVD  RDE / me: WO FAC  Hrs Ac 24.0 FL SI.  FIN eported By \$0 \$733,  TVD	OWED 24 H  B/  6680  10,000  PBTD: 9  CILITIES  ctivity Desc  OWED 24 H  WO FACILI  NAL COMPI  D0  6680	Progres 629.0  Pription (RS. 24/64" (TIES.  LETION DA UANE COC	Completion Completion S 0 CHOKE. FTP ATE: 3/12/08 OK Completion Completion	\$2,565 \$759,598 <b>Days</b> <b>Perf:</b> 5632'-	28 - 9569' 2000 PSIC	Daily Well MW 5. 28 BFPH. F Daily Well	Total  O.0  PKR Dep  RECOVERED  Total  Total	\$2,565 \$1,493,278 <b>Visc</b> <b>pth</b> : 0.0	0.0 BLWTF
Daily Costs: Cum Costs: MD Formation: WASATCH Activity at R	Drilling 10,000 MESAVE Report Tin End 06:00  Re Drilling 10,000 MESAVE	24.0 FL/ sported By \$0 \$733, TVD RDE / me: WO FAC Hrs Ac 24.0 FL/ SI. FIN sported By \$0 \$733, TVD RDE /	OWED 24 H  B/  6680  10,000  PBTD: 9  CILITIES  ctivity Desc  OWED 24 H  WO FACILI  NAL COMPI  D0  6680  10,000  PBTD: 9	Progres 629.0  Progres 629.0  Progres 629.0  Progres 629.0	Completion Completion S 0 CHOKE. FTP ATE: 3/12/08 OK Completion Completion	\$2,565 \$759,598 <b>Days</b> <b>Perf</b> : 5632'- 1050 PSIG. CP 2 \$0 \$759,598 <b>Days</b>	28 - 9569' 2000 PSIC	Daily Well MW 5. 28 BFPH. F Daily Well	Total  O.0  PKR Department of the content of the co	\$2,565 \$1,493,278 <b>Visc</b> <b>pth</b> : 0.0	0.0 BLWTF

Form 3160-4 (August 2007)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WELL	COMPL	ETION	OD DECOMDI	FTION REPORT	ANDLOC
WELL	COMPL	EHON	ORRECOMPL	FIION KFPORT	ANI) I ()(3

	WELL (	COMPL	ETION C	R R	ECOI	MPLE	ETION	REPO	RT	AND L	.og			ease Serial ITU56960	No.	
1a. Type o	'	Oil Well	_	Well		ry	Othe	er					6. If	Indian, All	ottee or	Tribe Name
b. Type o	f Completion	Oth	lew Well er	_ w	ork Ov	er [	☐ Deep	en 🗖 —	Plug	Back	☐ Diff. I	Resvr.	7. Uı	nit or CA A	greeme	ent Name and No.
2. Name of	f Operator	S INC		-Mail:	marv	Contac	t: MAR	Y A. MA gresourc	EST/	AS om				ease Name		ell No.
	600 17TH DENVER	STREE	T SUITE 10			maooi	10000		ne No	. (include	e area code	)	ļ	PI Well No		43-047-38972
4. Location	of Well (Re			nd in ac	cordan	ce with	r Federal						10. F	ield and Pe	ool, or E	Exploratory
At surfa	nce NESW	/ 2059FS	L 1843FWL	40.07	775 N	Lat, 1	09.3912	23 W Lor	n							S/WASATCH/MV Block and Survey
At top p	orod interval	reported b	elow NES	SW 205	9FSL	1843F	WL 40.	.07775 N	l Lat,	109.391	123 W Loi	1	01	r Area Se	c 36 T8	3S R22E Mer SLB 13. State
At total		SW 2059	FSL 1843F	WL 40	.07775	5 N Lat	1, 109.3	9123 W	Lon				U	INTÁH		UT
14. Date Sp 08/28/2	pudded 2007			ate T.D /28/20		hed			D&.	Complete A 🔀 3/2008	ed Ready to I	Prod.	17. E	Elevations ( 48	DF, KB 42 GL	3, RT, GL)*
18. Total D	epth:	MD TVD	10000	)	19. 1	Plug Ba	ack T.D.		D VD	96	29	20. De <sub>1</sub>	th Brid	ige Plug S		MD FVD
21. Type E RST/Ø	lectric & Oth BL/CCL/VDI	er Mecha L/GR	nical Logs R	un (Sut	omit co	py of e	ach)				Was	well core DST run? ctional Su		X No X No X No	Yes Yes Yes Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing a	nd Liner Reco	ord (Repo	rt all strings	set in 1	vell)											
Hole Size	Size/G	rade	Wt. (#/ft.)	To (M		Botto (MI		age Ceme Depth			f Sks. & f Cement	Slurry (BB		Cement '	Гор*	Amount Pulled
12.250	<del>†</del>	325 J-55	36.0		0		2732				70	_				
7.875	4.50	0 P-110	11.6	_	0		9996				215	5				
		•										<del>-  </del>				
												<u> </u>				
24. Tubing		I -			T			(3. 50-)	T =			T	Т_			
Size 2.375	Depth Set (M	1D) P 8034	acker Depth	(MD)	Siz	ie	Depth S	et (MD)	P	acker Dep	oth (MD)	Size	De	pth Set (M	D)   1	Packer Depth (MD)
25. Produci		00041				L	26. Pe	rforation	Reco	rd						
Fo	ormation		Тор		Bot	tom		Perfor	ated l	Interval		Size	N	lo. Holes		Perf. Status
AWASATO	H/MESAVE	RDE		5632		9569				9260 T	O 9569			3		
B)		_								8836 T			_	3		
C) D)	<del></del>	+								8563 T				3 3	<del></del>	
	acture, Treat	ment, Cer	nent Squeeze	, Etc.						8394 T	0 84981			3	<u> </u>	
]	Depth Interva	ıl							An	nount and	Type of N	/aterial				
			569 52,938 (													
			981 64,784 (													
			779 69,255 ( 498 51,321 (													
28. Producti	ion - Interval		+96 01,021	AALO C	1 Las Eus Las Las	VVAIL	110 100	1,000# 20/	40 07	1110						_
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		as ACF	Wate BBL		Oil Gra		Gas		Producti	on Method		
03/18/2008	03/25/2008	24	Production	20.		666.0		190.0	Corr. A	API	Gravit	y		FLOV	VS FRO	M WELL
Choke Size	Tbg. Press. Flwg. 1700	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Wate BBL		Gas:Oi Ratio	1	Well S	tatus				
12/64"	SI 1700	2000.0		20		666		190				PGW				
	tion - Interva															
Pate First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Fas ACF	Wate BBL		Oil Gra Corr. A		Gas Gravit	у	Producti	on Method	R	ECEIVED
Choke lize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		as ICF	Wate BBL		Gas:Oi Ratio	1	Well S	tatus				APR 1 8 2008

28b. Pro	duction - Interv	/al C									
Date First	Test Date	Hours	Test Production	Oil	Gas	Water BBL	Oil Gravity		ias	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Com. API	10	Gravity		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	V	Vell Status		
28c. Pro	duction - Interv	/al D			<u> </u>						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		das Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	v	Vell Status		
29. Dispo	osition of Gas(	Sold, used	for fuel, vent	ed, etc.)	.L						
	mary of Porous	Zones (In	clude Aquife	rs):					31. For	mation (Log) Markers	
tests,	v all important including depo ecoveries.	zones of potential	orosity and co tested, cushic	ontents there on used, time	eof: Core e tool ope	d intervals and a en, flowing and s	ll drill-stem shut-in pressur	res			
	Formation		Тор	Bottom		Description	s, Contents, e	tc.		Name	Top Meas. Depth
32. Addi Plea	tional remarks se see the att mation.	(include p	5632 lugging proceet for detai	9569 dure): led perfora	tion and	additional forn	nation marke	ır	MA UTI WA CH. BUG PRI	EEN RIVER HOGANY ELAND BUTTE SATCH APITA WELLS CK CANYON CE RIVER DOLE PRICE RIVER	2136 2759 4949 5107 5715 6379 7655 8408
	e enclosed atta ectrical/Mecha		s (1 full set re	q'd.)		2. Geologic I	Report		3. DST Rep	port 4. Directio	nal Survey
5. St	ındry Notice fo	or plugging	and cement	verification		6. Core Anal	ysis		7 Other:		
34. I here	eby certify that	the forego	J	ronic Subn	ission #5	omplete and corr 19709 Verified I RESOURCES, I	by the BLM V	Well Info	rmation Sys	records (see attached instruction	ons):
Name	e(please print)	MARY A	. MAESTAS				Title	REGUL	ATORY ASS	SISTANT	
Signa	ature	Adatron	nic/Submissi	Mai	Jan		Date	<u>04/15/20</u>	008		
Title 18 U	U.S.C. Section ited States any	1001 and	Title 43 U.S.	C. Section 1 ulent statem	212, mak ents or re	e it a crime for a	any person kno to any matter	owingly a	and willfully s jurisdiction	to make to any department or a	gency

#### Hoss 62-36 - ADDITIONAL REMARKS (CONTINUED):

#### 26. PERFORATION RECORD

8116-8352	3/spf
7740-7995	3/spf
7461-7676	3/spf
6989-7360	3/spf
6432-6740	3/spf
6032-6316	3/spf
5912-5976	3/spf
5774-5806	3/spf
5632-5707	3/spf

#### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

39,351 GALS GELLED WATER & 99,200# 20/40 SAND
69,654 GALS GELLED WATER & 191,200# 20/40 SAND
45,315 GALS GELLED WATER & 121,100# 20/40 SAND
26,627 GALS GELLED WATER & 29,700# 20/40 SAND
35,784 GALS GELLED WATER & 94,000# 20/40 SAND
33,558 GALS GELLED WATER & 92,600# 20/40 SAND
32,550 GALS GELLED WATER & 90,200# 20/40 SAND
42,651 GALS GELLED WATER & 110,000# 20/40 SAND
39,018 GALS GELLED WATER & 118,500# 20/40 SAND

Perforated the Lower Price River from 9260-61', 9286-87', 9314-15', 9326-27', 9341-42', 9352-53', 9365-66', 9391-92', 9404-05', 9460-61', 9474-75', 9499-9500', 9513-14', 9530-31', 9536-37' & 9568-69' w/ 3 spf.

Perforated the Middle Price River from 8836-37', 8853-54', 8863-64', 8888-89', 8903-04', 8911-12', 8917-18', 8929-30', 8938-39', 8953-54', 8970-71' & 8980-81' w/ 3 spf.

Perforated the Middle Price River from 8563-64', 8575-76', 8587-88', 8614-15', 8628-29', 8683-84', 8701-02', 8717-18', 8729-30', 8757-58', 8766-67' & 8778-79' w/ 3 spf.

Perforated the Middle Price River from 8394-95', 8405-06', 8415-16', 8422-23', 8432-33', 8442-43', 8459-60', 8463-64', 8468-69', 8480-81', 8491-92' & 8497-98' w/ 3 spf.

Perforated the Upper Price River from 8116-17', 8131-32', 8140-41', 8148-49', 8154-55', 8173-74', 8197-98', 8219-20', 8237-38', 8281-82', 8323-24' & 8351-52' w/ 3 spf.

Perforated the Upper Price River from 7740-41', 7747-48', 7779-80', 7792-93', 7810-11', 7829-30', 7874-75', 7890-91', 7903-04', 7928-29', 7936-37' & 7994-95' w/ 3 spf.

Perforated the North Horn from 7461-62', 7507-08', 7546-47', 7557-58', 7573-74', 7581-82', 7590-91', 7595-96', 7643-44', 7651-52', 7657-58' & 7675-76' w/ 3 spf.

Perforated the North Horn from 6989-90', 7120-21', 7175-76', 7204-05', 7215-16', 7225-26', 7240-42', 7350-51' & 7359-60' w/ 3 spf.

Perforated the Ba from 6432-34', 6442-43', 6463-64', 6505-06', 6517-18', 6595-96', 6631-32', 6642-43', 6707-08' & 6739-40' w/ 3 spf.

Perforated the Ca from 6032-33', 6045-48', 6092-94', 6116-17', 6218-20', 6266-67', 6294-95' & 6315-16' w/ 3 spf.

Perforated the Ca from 5912-13', 5920-23', 5929-31', 5955-56', 5962-64', 5967-69' & 5975-76' w/ 3 spf.

Perforated the Ca from 5774-76', 5784-86', 5793-95' & 5804-06' w/ 3 spf.

Perforated the Pp from 5632-33', 5638-41', 5647-48', 5659-60', 5665-66', 5672-73', 5686-88', 5696-99' & 5706-07' w/ 3 spf.

#### **52. FORMATION (LOG) MARKERS**

Lower Price River	9275
Sego	9819

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### REPORT OF WATER ENCOUNTERED DURING DRILLING

				•	
Well name and	d number: HOS	SS 62-36			
API number: _	4304738972				
Well Location:	QQ <u>NESW</u> Se	ction 36 T	ownship <u>8S</u> Range <u>22E</u>	_ County	UINTAH
Well operator:	EOG		······		
Address:	1060 E HWY	40			
	city VERNAL		state UT zip 84078	Phone	: (435) 781-9111
Drilling contract	ctor: CRAIGS	ROUSTABOU	T SERVICE		
Address:	PO BOX 41				
	city JENSEN		state UT zip 84035	Phone	: (435) 781-1366
Water encount	tered (attach ac	dditional page	s as needed):		
Γ	DEF	 PTH	VOLUME	T	QUALITY
	FROM	ТО	(FLOW RATE OR HEAD)		(FRESH OR SALTY)
	740	780	NO FLOW		NOT KNOWN
		·····			
-			1		
-					
ľ					
_					
Formation tops			2		3
(Top to Bottom	) 4		5		6
	7		8		9
	10		11		12
		• • • • • •		6.1	
If an analysis h	nas been made	of the water e	encountered, please attach a	copy of the	e report to this form.
I hereby certify t	hat this report is t	rue and complet	te to the best of my knowledge.		
NAME (PLEASE PRIM	Mary A. Mae	estas	TITLE	Regulat	ory Assistant
SIGNATURE	Marie Ce	JM 10:	DATE	4/15/20/	
	·······································	· · · · · · · · · · · · · · · · · · ·	DATE		
(5/2000)					

Form 3160-5 (August 2007)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	VED
OMB NO. 1004	-0135
Evniree: July 31	2010

SUNDRY Do not use the abandoned we	<ul><li>5. Lease Serial No. UTU56960</li><li>6. If Indian, Allottee or Tribe Name</li></ul>						
abandoned we							
SUBMIT IN TRI	7. If Unit or CA/Agre	ement,	Name and/or No.				
Type of Well     Oil Well	ner				8. Well Name and No. HOSS 62-36		
2. Name of Operator EOG RESOURCES INC	Contact:   E-Mail: mary_maes	MARY A. MA tas@eogresou			9. API Well No. 43-047-38972		
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No. Ph: 303-82	(include area cod 4-5526	e)	10. Field and Pool, or NATURAL BUT	Explor TES/	ratory WASATCH/MV
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)				11. County or Parish,	and Sta	ate
Sec 36 T8S R22E NESW 205 40.07775 N Lat, 109.39123 W					UINTAH COUN	TY, L	ΙΤ
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DA	TA
TYPE OF SUBMISSION			TYPE C	OF ACTION			•
✓ Notice of Intent	☐ Acidize	□ Dee <sub>l</sub>	en	☐ Product	ion (Start/Resume)	<b>D</b>	Water Shut-Off
_	☐ Alter Casing	□ Frac	ture Treat	□ Reclam	ation	<b>□</b>	Well Integrity
☐ Subsequent Report	□ Casing Repair	■ New	Construction	□ Recomp	olete	<b>X</b>	Other
☐ Final Abandonment Notice	☐ Change Plans	🗖 Plug	and Abandon	☐ Tempor	arily Abandon		
	☐ Convert to Injection	Plug	Back	■ Water I	Disposal		
13. Describe Proposed or Completed Open If the proposal is to deepen directions Attach the Bond under which the word following completion of the involved testing has been completed. Final Aldetermined that the site is ready for from EOG Resources, Inc. requests for the referenced location.	ally or recomplete horizontally, g it will be performed or provide t l operations. If the operation resi- pandonment Notices shall be file inal inspection.)	give subsurface the Bond No. on ults in a multiple d only after all i	ocations and meas file with BLM/BI completion or rec equirements, inclu	sured and true version. Required sulcompletion in a sudding reclamation	rtical depths of all pertir osequent reports shall be new interval, a Form 316 n, have been completed,	nent ma filed v 50-4 sha	arkers and zones. vithin 30 days all be filed once
			U Oil,	ccepted I Itah Divis Gas and RECOR	ion of Mining		
14. I hereby certify that the foregoing is	Electronic Submission #6 For EOG F	60618 verified RESOURCES	NČ, sent to the	e Vernal	•		
Name (Printed/Typed) MARY A.	MAESTAS		Title REGU	LATORY AS	SISTANT		
Signature MCCElectronic S	Submission) and an	·	Date 06/04/	2008	-		
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE		
Approved By			Title				Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the applicant the applicant the applicant the applicant to conduct the applicant the app	uitable title to those rights in the		Office	1.00			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a c statements or representations as	crime for any pe to any matter w	rson knowingly ar thin its jurisdiction	nd willfully to m	ake to any department or	agenc	y of the United

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR SUBMITTED

Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY   Do not use thi abandoned wel	Lease Serial No.     UTU56960      If Indian, Allottee or Tribe Name						
SUBMIT IN TRII	7. If Unit or CA/Agree	ement, Name and/or No.					
Type of Well     Oil Well	8. Well Name and No. HOSS 62-36						
2. Name of Operator EOG RESOURCES, INC.		MICKENZIE TI IE_THACKER@E	HACKER OGRESOURC	ES.COM	9. API Well No. 43-047-38972		
3a. Address 1060 E. HWY 40 VERNAL, UT 84078		3b. Phone No. ( Ph: 453-781-	include area code -9145	e)	10. Field and Pool, or NATURAL BUT		
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description	1)			11. County or Parish,	and State	
Sec 36 T8S R22E NESW 205 40.07775 N Lat, 109.39123 W	9FSL 1843FWL				UINTAH COUN	TY, UT	
12. СНЕСК АРРЕ	ROPRIATE BOX(ES) TO	O INDICATE N	NATURE OF	NOTICE, R	EPORT, OR OTHEI	R DATA	
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION			
☐ Notice of Intent	☐ Acidize	□ Deepe	n	□ Product	ion (Start/Resume)	■ Water Shut-Off	
_	□ Alter Casing	☐ Fractu	re Treat	🛛 Reclam	ation	■ Well Integrity	
Subsequent Report	□ Casing Repair	☐ New (	Construction	☐ Recomp	olete	☐ Other	
☐ Final Abandonment Notice	☐ Change Plans	🗖 Plug a	nd Abandon	□ Tempor	arily Abandon		
	☐ Convert to Injection	Plug H	3ack	■ Water I	Disposal		
If the proposal is to deepen directional Attach the Bond under which the wor following completion of the involved testing has been completed. Final Abdetermined that the site is ready for final All material, debris, trash, and Stockpiled topsoil was spread mixture. The seeded area was 11/28/2008.	k will be performed or provide operations. If the operation re andonment Notices shall be fil nal inspection.)  junk was removed from to over the pit area and brows then walked down with a steel walked walked down with a steel walked wal	e the Bond No. on f esults in a multiple of led only after all red the location. The padcast seeded	ile with BLM/BL completion or rec quirements, inclu- e reserve pit v with the presc	A. Required sustempletion in a sompletion in a soliding reclamation was reclaimed ribed seed	bsequent reports shall be new interval, a Form 316 n, have been completed, a	filed within 30 days 0-4 shall be filed once	
14. I hereby certify that the foregoing is	Electronic Submission #	#66332 verified b RESOURCES, IN	y the BLM We IC., sent to the	ll Information Vernal	System		
Name (Printed/Typed) MICKENZ	IE THACKER		Title OPER	ATIONS CLE	RK		
Signature Wind Signature	Romissip Nauly "	]	Date 01/14/2	2009			
	THIS SPACE F	OR FEDERAL	OR STATE	OFFICE U	SE		
Approved By	. <b></b>		Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to condu	iitable title to those rights in the		Office				
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any pers	on knowingly an	d willfully to m	ake to any department or	agency of the United	

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

JAN 2 0 2009